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LISTS OF SPECIES

Reef fishes of the Bird's Head Peninsula, West Papua, Indonesia

Gerald R. Allen [1]
Mark V. Erdmann [2]

[1] *Department of Aquatic Zoology, Western Australian Museum.*
Locked Bag 49, Welshpool DC, Perth, Western Australia 6986.
E-mail: tropical_reef@bigpond.com

[2] *Conservation International Indonesia Marine Program.*
Jl. Dr. Muwardi No. 17, Renon, Denpasar 80235 Indonesia.

Abstract

A checklist of shallow (to 60 m depth) reef fishes is provided for the Bird's Head Peninsula region of West Papua, Indonesia. The area, which occupies the extreme western end of New Guinea, contains the world's most diverse assemblage of coral reef fishes. The current checklist, which includes both historical records and recent survey results, includes 1,511 species in 451 genera and 111 families. Respective species totals for the three main coral reef areas – Raja Ampat Islands, Fakfak-Kaimana coast, and Cenderawasih Bay – are 1320, 995, and 877. In addition to its extraordinary species diversity, the region exhibits a remarkable level of endemism considering its relatively small area. A total of 26 species in 14 families are currently considered to be confined to the region.

Introduction

The region consisting of eastern Indonesia, East Timor, Sabah, Philippines, Papua New Guinea, and the Solomon Islands is the global centre of reef fish diversity (Allen 2008). Approximately 2,460 species or 60 percent of the entire reef fish fauna of the Indo-West Pacific inhabits this region, which is commonly referred to as the Coral Triangle (CT). The first author has worked extensively throughout the CT for the past 36 years, with special emphasis on the ultimate identification of the "bullseye" of reef fish diversity. Data gathered by the authors over the past decade reveals that the Bird's Head Peninsula (Figure 1) of West Papua, Indonesia harbours the most diverse reef fish community in the CT (Allen, in preparation). The present paper provides an annotated checklist of species and brief historical account of fish collections from this globally important location.

There are numerous complex factors, past and present, which are responsible for the amazing wealth of Bird's Head species. Perhaps the most important include an amazing level of habitat diversity, a strategic location lying at a biogeographical "crossroad" or "melting pot" that captures faunal elements from Indonesia, the Melanesian Archipelago, and Timor/Arafura Sea, and finally a complex geologic past highlighted by shifting island arcs, oceanic plate collisions, and widely fluctuating sea levels (Polhemus 2007).

The Bird's Head Peninsula and surrounding waters has attracted the attention of naturalists and scientists ever since it was first visited by European explorers. The Raja Ampat Group and Waigeo Island, in particular, was the focus of early French visits by several vessels including L'Uranie (1818-1819), La Coquille (1823), and L'Astrolabe (1826). Consequently, approximately 70 fish species were recorded from the region primarily by Quoy and Gaimard (1824 and 1834), Lesson (1828-1830), and Cuvier and Valenciennes (1828-1849). Waigeo is an important type locality for a variety of widespread species including the Blacktip Reef Shark (*Carcharhinus melanopterus*), Bluefin Trevally (*Caranx melampygus*), Bigeye Trevally (*Caranx sexfasciatus*), Semicircular Angelfish (*Pomacanthus semicirculatus*), and Sergeant Major (*Abudefduf vaigiensis*).

Following the early French explorations, most ichthyological activity was provided by Dutch researchers. The surgeon-naturalist Pieter Bleeker periodically received specimens from government

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agents and in 1868 published on a collection of Waigeo fishes that included 88 species. He added a further 12 species in subsequent papers. Albert Günther, the Curator of Fishes at the British Museum, recorded 28 species from the island of Misool, during the cruise of the "Curacao" in 1865 (Günther 1873). The Dutch ichthyologists Weber and de Beaufort were keenly interested in New Guinean freshwater and marine fishes and contributed to our knowledge of Raja Ampat fishes during the first half of the past century. The work of Weber (1913), in particular, was the most extensive effort on Raja Ampat fishes until recent times, and includes accounts of 117 species based on 748 specimens. These were obtained by de Beaufort during a visit to the East Indies in 1909-1910, and were mainly collected at Waigeo in the vicinity of Saonek Island and Mayalibit Bay.

Weber and de Beaufort and various co-authors including Koumans, Chapman, and Briggs reported an additional 67 records from Waigeo and Misool in the Fishes of the Indo-Australian Archipelago (E. J. Brill, Leiden; 11 volumes published between 1921-1962). The Denison-Crockett South Pacific Expedition made small collections at Batanta and Salawati consisting of 29 species that were reported by Fowler (1939). The only other fish collection of note was that by Collette (1983) who recorded 37 species from mangrove habitats on Misool and Batanta.

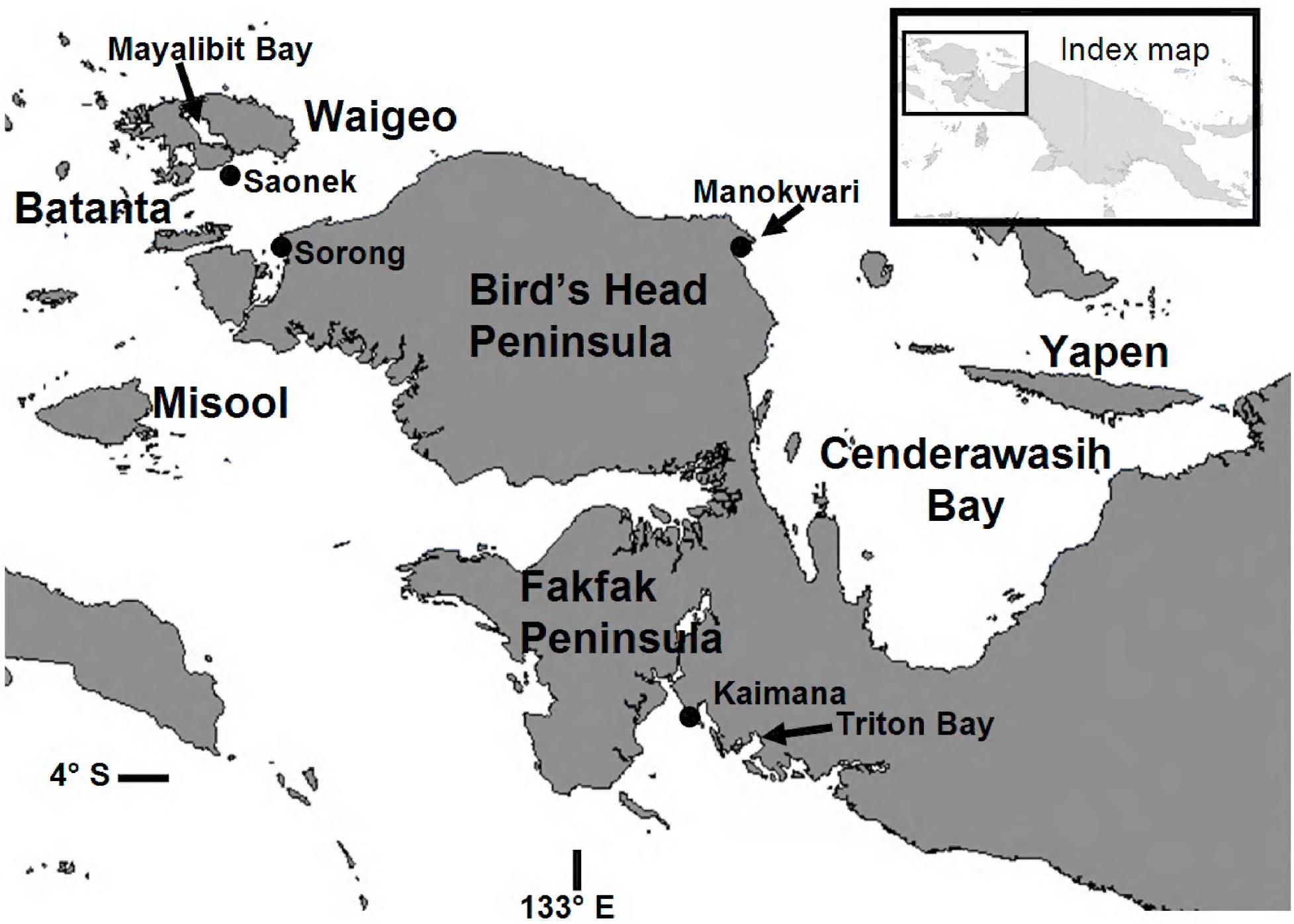

Figure 1. Map of the Bird's Head Peninsula region of West Papua, Indonesia.

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The first author made the first comprehensive underwater observations of Raja Ampat fishes during two brief visits in 1998-1999. Although freshwater fish research was the main focus, approximately 20 hours of scuba and snorkel diving yielded observations of more than 500 coral reef fishes. The first major survey of the islands was conducted in 2001, when the first author participated in a marine rapid assessment survey (RAP) organized by Conservation International (CI). A total of 45 sites were assessed during a 15-day period (Allen 2002). An additional 50 sites were visited in 2002 during a rapid ecological assessment (REA) conducted by The Nature Conservancy (TNC). The first author's combined CI-TNC effort raised the number of the known reef fishes of the Raja Ampats from about 236 to 1,102 (Allen, unpublished data).

Compared to the Raja Ampat Islands, the remainder of the Bird's Head Seascape has been largely ignored by previous researchers. In order to fill this gap in our knowledge CI organized two expeditions in 2006 to Cenderawasih Bay and the Fakfak-Kaimana Coast. Several additional trips were made by the authors to these two locations in 2007-2009.

Materials and methods

The current study is restricted to shallow reef fishes, which are herein defined as species that are entirely or mainly confined to coral reefs and intermingled substrata (sand/rubble patches, seagrass beds, etc.) less than 60 m deep. The 60-metre depth limit is near the lower limit of routine scuba diving, and also approximates the limit of most reef-building scleractinian corals (Veron 2000). The list also includes several goby species that normally occur in mangrove estuarine habitats, but due to the closely intertwined mangrove and reef habitats that are characteristic of the Raja Ampat Islands, they are frequently seen during reef surveys.

The annotated checklist of species presented below is based on several sources: 1. Historical records prior to 1950 that were summarized by Weber and de Beaufort (1921-1962) and Munro (1958); 2. Specimens lodged at the United States National Museum of Natural History that were collected by B.B. Collette in 1979, mainly from the Raja Ampat Islands; 3. Underwater observations and small collections obtained by the first author on four visits to the Raja Ampat Islands during 1997-2002; and 4. Underwater observations and small collections obtained by the present authors during CI-sponsored reef surveys in 2006-2009. Fish collecting methods included the use of multi-prong spears, clove oil, hand nets, and rotenone.

Results

The currently known fauna of the Bird's Head Peninsula as reported in our checklist consists of 1,511 species in 451 genera and 111 families. Respective species totals for the three main coral reef areas – Raja Ampat Islands, Fakfak-Kaimana coast, and Cenderawasih Bay – are 1320, 995, and 877. The figure for the Raja Ampats is particularly impressive and is the most species ever recorded for an area of this relatively small size (estimated at 50,000 km^2 including the islands and surrounding seas).

Endemism

In addition to its extraordinary species diversity, the Bird's Head Peninsula exhibits a remarkable level of endemism considering the size of the area. A total of 26 species in 14 families are currently considered to be confined to the region (Table 1). We are confident of the endemic status of the majority of these species as they are conspicuous fishes that we have not seen elsewhere, despite our intensive collecting efforts in adjacent regions. DNA tissue samples of several additional species that are potential endemics are currently being analyzed by the authors.

The factors responsible for local endemism are no doubt complex and intimately associated with the geological history of the region. Polhemus (2006) provided a detailed summary of the tectonic history of the New Guinea region. Geologists are in general agreement that the core of the Vogelkop Peninsula is a section of the Australian craton that became detached from the main continental mass sometime in the Mesozoic (Hamilton 1979) and was sutured to the main mass of New Guinea approximately 15 million years ago. Although details of the biogeographical

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history remain poorly understood for most of the Vogelkop, there is compelling evidence that the inner half of Cenderawasih Bay was essentially isolated for a substantial period over the past five million years due to periodic sea-level lowering and effective closure of much of the bay by westward drifting island-arc fragments (Allen et al, in preparation).

Table 1. Endemic fishes of the Bird's Head Peninsula (regional acronyms as follows: CB = Cenderawasih Bay, FK = Fakfak/Kaimana, RA = Raja Ampat Islands).

Hemiscyllidae
Hemiscyllium freycineti (RA)
H. galei (CB)
H. henryi (FK)
Bythidtidae
Diancistrus niger (RA)
Telmatherindae
Kalyptatherina helodes (RA)
Pseudochromidae
Manonichthys jamali (FK)**
Pictichromis caitlinae (CB)
Pseudochromis jace (FK, RA)*
Pseudochromis sp. (RA)
Opistognathidae
Stalix sp. (FK)**
Apogonidae
Apogon oxygrammus (CB, RA)
Apogon leptofasciatus (RA)
Siphamia sp. (FK)
Malacanthidae
Hoplolatilus erdmanni (CB, FK, RA)
Caesionidae
Pterocaesio monikae (CB)
Nemipteridae
Pentapodus numberii (FK, RA)*
Pomacentridae
Chromis athena (RA)
Chromis unipa (CB)
Chrysiptera pricei (CB)
Pomacentrus fakfakensis (FK)
Labridae
Cirrhilabrus cenderawasih (CB)
Paracheilinus nursalim (FK)**
Paracheilinus waltoni (CB)
Callionymidae
Callionymus brevianalis (RA)
Eleotridae
Calumia sp. (CB, FK)
Gobiidae
Eviota raja (RA)

* also occurs at nearby southeastern Halmahera
** also found at southeastern Misool, Raja Ampat Islands.

Collections

Historical collections of Bird's Head region fishes are mainly deposited at major European museums, especially the *Nationaal Natuurhistorisch* Museum (Leiden), Zoological Museum (Amsterdam), *Museum National d'Histoire Naturelle* (Paris), and Natural History Museum (London). The largest recent (1975-2008) collections from the area are deposited at the Western Australian Museum (Perth), National Museum of Natural History (Washington, D.C.) and the Research Center for Oceanography (Jakarta). The authors in conjunction with faculty and students from the University of Papua (Manokwari, West Papua) have also established a local research collection in the University. Species that are represented by voucher specimens at Jakarta, Perth, Washington, D.C., and Manokwari are indicated in the following checklist.

Checklist of Fishes

The phylogenetic sequence of families appearing in the checklist follows Eschmeyer (1998) with slight modification that reflects recent taxonomic studies. The recent update of the Catalog of Fishes by Eschmeyer and Fricke (2009) was used extensively to check spellings, authorships, and dates of publication. References are cited for previous records from the Bird's Head region and include the page number and geographic location. Symbols and abbreviations used in the checklist are explained as follows: an asterisk (*) indicates a new record (i.e., previously unpublished in the peer-reviewed literature) for the Bird's Head

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region; CB, FK, and RA indicate the species presence at Cenderawasih Bay, Fakfak/Kaimana region, and Raja Ampat Islands respectively; institutional acronyms (NCIP, UNIPA, USNM and WAM) indicate that voucher specimens are lodged at Pusat Penelitian Oseanografi (Research Center for Oceanography), Jakarta, University of Papua (Manokwari, Indonesia), United States National Museum (Washington, D.C.) and Western Australian Museum (Perth). New records that do not have a voucher specimen indicated are based on either underwater observations or photographs taken by the first author. Unidentifed species indicated as "sp." are primarily new taxa awaiting description.

Annotated checklist of species

Rhincodontidae
Rhincodon typus Smith, 1828*: CB, FK, RA.

Stegostomatidae
Stegostoma fasciatum (Hermann, 1783)*: RA.

Scyliorhinidae
Atelomycterus marmoratus (Bennett, 1830): CB; Bleeker, 1859: 3, as *Scyllium maculatum* Gray, 1830 (Port Dorey).

Orectolobidae
Eucrossorhinus dasypogon (Bleeker, 1867): CB, FK, RA; Bleeker, 1867: 400 (Waigeo).

Rhinobatidae
Glaucostegus typus (Bennett, 1830): CB; Bleeker, 1859: 3, as *Rhinobatus armatus* Gray, 1834 (Port Dorey).

Hemiscylliidae
Chiloscyllium punctatum Müller and Henle, 1838*: RA.
Hemiscyllium freycineti (Quoy and Gaimard, 1824): RA; Quoy and Gaimard, 1824: 192 (Waigeo); [WAM].
Hemiscyllium galei Allen and Erdmann, 2008: CB; Allen and Erdmann, 2008a: 96 (Cenderawasih Bay); [NCIP, UNIPA, WAM].
Hemiscyllium henryi Allen and Erdmann, 2008: FK; Allen and Erdmann, 2008a: 102 (Triton Bay); [NCIP, WAM].

Ginglymostomatidae
Nebrius ferrugineus (Lesson, 1831)*: CB, RA.

Carcharhinidae
Carcharhinus albimarginatus (Rüppell, 1837)*: FK.
Carcharhinus amblyrhynchos (Bleeker, 1856)*: CB, FK, RA.
Carcharhinus leucas (Valenciennes, 1839)*: RA.
Carcharhinus melanopterus (Quoy and Gaimard, 1824): CB, RA; Quoy and Gaimard, 1824: 194 (Waigeo); [UNIPA].
Triaenodon obesus (Rüppell, 1837): CB, FK, RA; Weber, 1913: 592 (Waigeo).

Sphyrnidae
Sphyrna lewini (Griffith and Smith, 1834)*: FK, RA.
Sphyrna mokarran (Rüppell, 1837)*: FK.

Rhinobatidae
Rhina ancylostoma Bloch and Schneider, 1801*: RA.

Dasyatididae
Himantura granulata (Macleay, 1883)*: FK.
Himantura uarnak (Forsskål, 1775): FK; Dumeril, 1865: 585 (Port Dorey).
Neotrygon kuhlii (Müller and Henle, 1841): CB, FK, RA; Bleeker, 1859: 5 (Port Dorey).
Pastinachus sephen (Forsskål, 1775)*: FK, RA.
Taeniura lymma (Forsskål, 1775)*: FK, RA.
Taeniura meyeni Müller and Henle, 1841*: FK, RA.
Urogymnus asperrimus (Bloch and Schnieder, 1801)*: FK, RA.

Myliobatidae
Aetobatus narinari (Euphrasen, 1790)*: CB, RA.

Mobulidae
Manta birostris (Walbaum, 1792)*: CB, FK, RA.
Mobula eregoodootenkee (Bleeker, 1859)*: FK.
Mobula tarapacana (Philippi, 1892)*: CB, RA.

Albulidae
Albula forsteri Valenciennes, 1847: RA; Bleeker, 1868: 300, as *Conorhynchus glossodon*, incorrect nomenclature for *Albula glossodonta* (non Forsskål 1775) (Waigeo).

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Moringuidae

Moringua abbreviata (Bleeker, 1863): RA; de Beaufort, 1913: 99 (Saonek).
Moringua ferruginea Bliss, 1883*: RA; [WAM].
Moringua floresiana (Weber and de Beaufort, 1916): RA; Koumans, 1953: 197 (Kafal, near Misool).
Moringua javanica (Kaup, 1856): RA; de Beaufort, 1913: 99, (Saonek).
Moringua macrochir Bleeker, 1855: RA; Koumans, 1953: 196 (Kafal, near Misool).
Moringua microchir Bleeker, 1853: RA; Koumans, 1953: 197 (Kafal, near Misool); [WAM].

Muraenidae

Echidna delicatula (Kaup, 1856): FK, RA; de Beaufort, 1913: 100 (Saonek).
Echidna nebulosa (Ahl, 1789)*: RA; [WAM].
Echidna polyzona (Richardson, 1845): RA; Weber and de Beaufort, 1916: 346 (Waigeo).
Enchelycore bayeri (Schultz, 1953)*: CB, RA; [UNIPA].
Enchelycore schismatorhynchus (Bleeker, 1853)*: FK.
Enchelynassa canina (Quoy and Gaimard, 1824): RA; Quoy and Gaimard, 1824: 247 (Waigeo).
Gymnomuraena zebra (Shaw, 1797): RA; Bleeker, 1868: 301 (Waigeo).
Gymnothorax castlei Böhlke and Randall, 1999*: CB, FK, RA; [WAM].
Gymnothorax chilospilus Bleeker, 1864: RA; Weber and de Beaufort, 1916: 379 (Waigeo); [WAM].
Gymnothorax enigmaticus McCosker and Randall, 1982*: RA; [WAM].
Gymnothorax favagineus Bloch and Schneider, 1801: CB, FK, RA; Bleeker, 1859: 3, as *Gymnothorax tessellates* (Richardson, 1845) (Doreh).
Gymnothorax fimbriatus (Bennett, 1832)*: FK; [WAM].
Gymnothorax flavimarginatus (Rüppell, 1830)*: CB, FK, RA.
Gymnothorax fuscomaculatus (Schultz, 1953)*: RA; [WAM].
Gymnothorax herrei Beebe and Tee-Van, 1933*: CB, FK; [WAM].
Gymnothorax javanicus (Bleeker, 1859): CB, FK, RA; de Beaufort, 1913: 99 (Saonek); [UNIPA].
Gymnothorax melatremus Schultz, 1953*: CB, FK, RA; [WAM].
Gymnothorax pictus (Ahl, 1789): CB, RA; Bleeker, 1868: 281 (Port Dorey).
Gymnothorax pindae Smith, 1962*: CB, RA; [WAM].
Gymnothorax polyuranodon (Bleeker, 1853): RA; Bleeker, 1868: 301 (Waigeo).
Gymnothorax reticularis Bloch, 1795*: RA.
Gymnothorax richardsonii Bleeker, 1852: RA; Bleeker, 1868: 300, as *Gymnothorax ceramensis* (Bleeker, 1852) (Waigeo); [WAM].
Gymnothorax rueppellii (McClelland, 1844)*: FK.
Gymnothorax undulatus (Lacepède, 1803): RA; Weber and de Beaufort, 1916: 376 (Waigeo).
Gymnothorax zonipectis Seale, 1906*: CB, RA; [UNIPA, WAM].
Rhinomuraena quaesita Garman, 1888*: FK, RA.
Uropterygius concolor Rüppell, 1838*: RA; [UNIPA, WAM].
Uropterygius kamar McCosker and Randall, 1977*: CB; [UNIPA, WAM].
Uropterygius marmoratus (Lacepède, 1803): RA; Weber and de Beaufort, 1916: 397 (Waigeo).
Uropterygius micropterus (Bleeker, 1852): RA; Bleeker, 1868: 301 (Waigeo); [WAM].
Uropterygius xanthopterus Bleeker, 1859*: RA; [WAM].

Ophichthidae

Leiuranus semicinctus (Lay and Bennett, 1839): RA; de Beaufort, 1913: 99 (Saonek); [WAM].
Muraenichthys gymnopterus (Bleeker, 1853): RA; Koumans, 1953: 194, (Kafal, near Misool); [USNM].
Muraenichthys macropterus Bleeker, 1857: RA; Koumans, 1953: 194 (Kafal, near Misool).
Myrichthys colubrinus (Boddaert, 1781): CB, RA; Bleeker, 1868: 281, as *Ophisurus fasciatus* Lacepède, 1802 (Doreh).
Myrichthys maculosus (Cuvier, 1816)*: RA.
Ophichthus cephalozona Bleeker, 1864: RA; Collette, 1983: 101 (Batanta); [USNM].
Pisodonophis boro (Hamilton, 1822): CB; Bleeker, 1868: 281, (Doreh).
Scolecenchelys gymnota (Bleeker, 1857): CB; Giltay, 1933: 37, as *Muraenichthys huysmani* Bleeker, 1857 (Manokwari).
Scolecenchelys macroptera (Bleeker, 1857)*: CB; [WAM].

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Yirrkala misolensis (Günther, 1872): RA; Günther, 1872: 425 (Misool).

Congridae

Ariosoma scheelei (Strömman, 1859): CB; Bleeker, 1859: 5, 22, as *Congrellus neoguinaicus* (Bleeker, 1859) (Doreh).
Conger cinereus Rüppell, 1830*: FK, RA.
Gorgasia barnesi Robison and Lancraft, 1984*: FK, RA; [WAM].
Gorgasia maculata Klausewitz and Eibesfeldt, 1959*: CB, FK, RA; [UNIPA, WAM].
Gorgasia naeocepaea (Böhlke, 1951)*: FK, RA; [WAM].
Gorgasia preclara Böhlke and Randall, 1981*: FK, RA; [WAM].
Heteroconger enigmaticus Castle and Randall, 1999*: CB; [UNIPA, WAM].
Heteroconger hassi (Klausewitz and Eibl-Eibesfeldt, 1959)*: CB, FK, RA.
Heteroconger mercyae Allen and Erdmann, 2009: FK; Allen and Erdmann, 2009b: 137 (Papisol Bay); [NCIP, USNM, WAM].
Heteroconger perissodon Böhlke and Randall, 1981*: FK.
Heteroconger taylori Castle and Randall, 1995*: FK; [WAM].

Clupeidae

Herklotsichthys quadrimaculatus (Rüppell, 1837): RA; de Beaufort, 1913: 97, as *Clupea (Harengula) moluccensis* (Bleeker, 1853) (Saonek).
Spratelloides delicatulus (Bennett, 1832)*: CB, FK, RA; [USNM, WAM].
Spratelloides lewisi Wongratana, 1983*: RA; [WAM].

Chanidae

Chanos chanos (Forsskål, 1775)*: CB, FK, RA.

Plotosidae

Paraplotosus albilabris (Valenciennes, 1840): RA; de Beaufort, 1913: 98 (Sorong).
Plotosus lineatus (Thunberg, 1787): CB, FK, RA; Bleeker, 1868: 300, as *Plotosus arab* Bleeker, 1862 (Waigeo); [USNM].

Synodontidae

Saurida gracilis (Quoy and Gaimard, 1824): CB, FK, RA; Weber and de Beaufort, 1913: 143 (Biak); [UNIPA].
Saurida nebulosa Valenciennes, 1850*: RA.
Saurida tumbil (Bloch, 1795): CB; Bleeker, 1868: 298, (Waigeo).
Synodus dermatogenys Fowler, 1912*: CB, FK, RA; [UNIPA].
Synodus jaculum Russell and Cressy, 1979*: CB, FK, RA; [UNIPA].
Synodus rubromarmoratus Russell and Cressy, 1979*: RA.
Synodus variegatus (Lacepède, 1803): CB, FK, RA; Bleeker, 1868: 101 (Saonek); [UNIPA].

Carapidae

Encheliophis gracilis (Bleeker, 1856): RA, as *Fierasfer gracilis* Bleeker, 1868, 300, (Waigeo).
Encheliophis homei (Richardson, 1846): RA; de Beaufort and Chapman, 1951: 450 (Misool).
Onuxodon margaritiferae (Rendahl, 1921)*: FK, RA; [USNM].

Ophidiidae

Brotula multibarbata Temminck and Schlegel, 1846*: CB.

Bythitidae

Brosmophyciops pautzkei Schultz, 1960*: CB, RA; [WAM].
Diancistrus alleni Schwarzhans, Møller and Nielson, 2005*: RA [WAM].
Diancistrus altidorsalis Schwarzhans, Møller and Nielsen, 2005: RA; Schwarzhans et al, 2005: 95 (Batanta); [USNM, WAM].
Diancistrus niger Schwarzhans, Møller and Nielsen, 2005: RA; Schwarzhans et al, 2005: 138 (Waigeo); [WAM].
Diancistrus novaeguineae (Machida, 1996)*: CB.
Microbrotula greenfieldi Anderson, 2007.*: CB; [WAM].

Batrachoididae

Batrachomoeus trispinosus (Günther, 1861)*: FK; [WAM].
Halophryne diemensis (Lesueur, 1824): FK, RA; de Beaufort, 1913: 150 (Majalibit Bay); [WAM].
Halophryne hutchinsi Greenfield, 1998*: RA; [WAM].

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Antennariidae
Antennarius coccineus (Lesson, 1831): CB, FK, RA; [WAM]; Pietsch and Grobecker, 1987: 147 (Misool).
Antennarius commerson (Latreille, 1804)*: FK, RA; Pietsch and Grobecker, 1987: 95 (Misool).
Antennarius dorehensis Bleeker, 1859: RA; Bleeker, 1859: 5, 21 (Doreh); [WAM].
Antennarius maculatus (Desjardins, 1840)*: RA.
Antennarius nummifer (Cuvier, 1817): CB, RA; Bleeker, 1859: 5 (Doreh); [WAM].
Antennarius pictus (Shaw, 1794): FK, RA; Pietsch and Grobecker, 1987: 84 (Misool).
Antennarius randalli Allen, 1970*: CB; [WAM].
Antennarius rosaceus Smith and Radcliffe, 1912*: FK, RA; [WAM].
Antennatus tuberosus (Cuvier, 1817)*: CB.
Histiophryne cryptacanthus (Weber, 1913)*: RA; [WAM].
Histrio histrio (Linnaeus, 1758): CB, RA; Bleeker, 1859:3, 5, as *Antennarius raninus* (Tilesius, 1809) (Doreh); [USNM].
Lophiocharon trisignatus (Richardson, 1844)*: RA.

Gobiesocidae
Diademichthys lineatus (Sauvage, 1883)*: CB, FK, RA; [WAM].
Discotrema crinophila Briggs, 1976*: RA; [WAM].
Lepadichthys lineatus Briggs, 1966*: RA.

Mugilidae
Crenimugil crenilabis (Forsskål, 1775): RA; de Beaufort, 1913: 108 (Saonek).
Liza vaigiensis (Quoy and Gaimard, 1825): RA; Quoy and Gaimard, 1825: 337 (Waigeo); [USNM].
Oedalechilus labiosus (Valenciennes, 1836): CB; Giltay, 1933: 110 (Manokwari).
Valamugil seheli (Forsskål, 1775): CB, FK, RA; Bleeker, 1868: 300, as *Mugil caeruleomaculatus* (Lacepède, 1803) (Waigeo).

Polynemidae
Polydactylus sexfilis (Valenciennes, 1831): RA; Bleeker, 1868: 300, as *Trichidion kuru* (Bleeker, 1853) (Waigeo).

Atherinidae
Atherinomorus duodecimalis (Valenciennes, 1835): CB; Bleeker, 1859: 4 (Doreh).
Atherinomorus endrachtensis (Quoy and Gaimard, 1825): RA; de Beaufort, 1913: 106 (Majalibit Bay); [WAM].
Atherinomorus forskalii (Rüppell, 1838): RA; Weber and de Beaufort, 1922: 294 (Saonek).
Atherinomorus lacunosus (Forster, 1801): CB, FK, RA; Bleeker, 1859: 4 (Doreh); [WAM].
Atherinomorus vaigiensis (Quoy and Gaimard, 1825): RA; Quoy and Gaimard, 1825: 335 (Waigeo).
Hypoatherina temminckii (Bleeker, 1853): CB, RA; Giltay, 1933: 110 (Manokwari); [USNM, WAM].
Stenatherina panatela (Jordan and Richardson, 1908)*: FK; [WAM].

Telmatherinidae
Kalyptatherina helodes (Ivantsoff and Allen, 1984): RA; Ivantsoff and Allen, 1984 as *Pseudomugil helodes* (Misool); [WAM].

Belonidae
Platybelone argalus platyura (Bennett, 1832)*: RA.
Tylosurus crocodilus (Péron and Lesueur, 1821): CB, FK, RA; Weber and de Beaufort, 1922: 128 (Misool).

Hemiramphidae
Hemiramphus far (Forsskål, 1775)*: RA.
Hyporhamphus dussumieri (Valenciennes, 1847)*: RA.
Hyporhamphus quoyi (Valenciennes, 1847): CB; Cuvier and Valenciennes, 1847: 35 (Port Dorey).
Zenarchopterus buffonis (Valenciennes, 1847): RA; de Beaufort, 1913: 104, (Saonek).
Zenarchopterus dispar (Valenciennes, 1847): RA; de Beaufort, 1913: 104 (Saonek).
Zenarchopterus dunckeri Mohr, 1926*: CB, FK, RA; [WAM].
Zenarchopterus gilli Smith, 1945: RA; Mohr, 1926: 250, as *Zenarchopterus brevirostris* Günther, 1866 (Saonek).

Anomalopidae
Anomalops katoptron (Bleeker, 1856): CB; Bleeker, 1868: 281 (Port Dorey).
Photoblepharon palpebratum (Boddaert, 1781)*: FK.

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Holocentridae
Myripristis adusta Bleeker, 1853*: CB, FK, RA; [UNIPA].
Myripristis berndti Jordan and Evermann, 1903*: CB, FK, RA; [UNIPA].
Myripristis botche Cuvier, 1829*: CB; FK; [UNIPA].
Myripristis hexagona (Lacepède, 1802)*: CB, FK, RA; [UNIPA, WAM].
Myripristis kuntee Valenciennes, 1831*: CB, FK, RA.
Myripristis murdjan (Forsskål, 1775)*: FK, RA; [WAM].
Myripristis pralinia Cuvier, 1829: CB, FK, RA; Bleeker, 1859: 4 (Doreh); [USNM].
Myripristis violacea Bleeker, 1851: CB, FK, RA. Weber, 1913: 182 (Waigeo); [UNIPA, USNM].
Myripristis vittata Valenciennes, 1831: CB, FK, RA; [UNIPA].
Neoniphon argenteus (Valenciennes, 1831): CB, RA; Quoy and Gaimard, 1824: 677 (Port Dorey).
Neoniphon aurolineatus (Liénard, 1839)*: CB.
Neoniphon opercularis (Valenciennes, 1831)*: CB, FK, RA.
Neoniphon sammara (Forsskål, 1775): CB, FK, RA; Bleeker, 1859: 3 (Doreh); [UNIPA].
Sargocentron caudimaculatum (Rüppell, 1838): CB, FK, RA; Bleeker, 1859: 3, as *Holocentrum leonoides* Bleeker, 1849 (Port Dorey); [UNIPA].
Sargocentron cornutum (Bleeker, 1853)*: CB, FK, RA; [UNIPA, USNM].
Sargocentron diadema (Lacepède, 1802)*: RA.
Sargocentron melanospilos (Bleeker, 1858)*: CB, FK, RA.
Sargocentron microstoma (Günther, 1859)*: CB, RA.
Sargocentron praslin (Lacepède, 1802)*: CB, RA.
Sargocentron rubrum (Forsskål, 1775): CB, FK, RA; Bleeker, 1859: 2, 3, 4, as *Holocentrum alborubrum* Lacepède 1802 (Doreh).
Sargocentron spiniferum (Forsskål, 1775): CB, FK, RA; Cuvier and Valenciennes, 1829: 204, as *Holocentrum leo* Cuvier, 1829 (Waigeo); [UNIPA].
Sargocentron tiere (Cuvier, 1829)*: RA.
Sargocentron tiereoides (Bleeker, 1853)*: CB, RA; [UNIPA].
Sargocentron violaceum (Bleeker, 1853): CB, FK, RA; Weber, 1913: 182 (Waigeo).

Pegasidae
Eurypegasus draconis (Linnaeus, 1766)*: FK, RA.
Pegasus volitans Linnaeus, 1758 RA; Koumans, 1953: 206, as *Pegasus natans* Linnaeus, 1766 (Kafal, near Misool).

Aulostomidae
Aulostomus chinensis (Linnaeus, 1766): CB, FK, R; Bleeker, 1859: 3, as *Polypterichthys valentini* Bleeker, 1853 (Doreh); [UNIPA].

Fistulariidae
Fistularia commersonii Rüppell, 1838: CB, FK, RA: de Beaufort, 1913: 101, as *Fistularia depressa* Günther, 1880 (Saonek); [UNIPA].

Centriscidae
Aeoliscus strigatus (Günther, 1861): CB, FK, RA; Weber and de Beaufort, 1922: 20 (Waigeo).
Centriscus scutatus Linnaeus, 1758: CB, FK, RA; Bleeker, 1868: 298 (Waigeo).

Solenostomidae
Solenostomus cyanopterus (Bleeker, 1854)*: CB, FK, RA; [WAM].
Solenostomus halimeda Orr, Fritzsche and Randall, 2002*: FK, RA; [WAM].
Solenostomus paradoxus (Pallas, 1770)*: FK, RA.
Solenostomus sp. 1*: CB; [WAM].

Syngnathidae
Acentronura breviperula Fraser-Brunner and Whitley, 1949*: CB, FK.
Choeroichthys brachysoma (Bleeker, 1855)*: RA; [USNM, WAM].
Corythoichthys amplexus Dawson and Randall, 1975: CB, FK, RA; Allen and Erdmann, 2008: 126 (Triton Bay); [WAM].
Corythoichthys benedetto Allen and Erdmann, 2008: RA; Allen and Erdmann, 2008b: 122 (Triton Bay); [NCIP, WAM].
Corythoichthys flavofasciatus (Rüppell, 1838)*: FK, RA; Bleeker, 1878: 37, as *Syngnathus conspicillatus* Jenyns, 1842 (Port Dorey); [WAM].
Corythoichthys haematopterus (Bleeker, 1851): FK, RA; Bleeker, 1868: 281, as *Corythoichthys fasciatus* (Gray, 1830) (Port Dorey).
Corythoichthys intestinalis (Ramsay, 1881)*: RA.

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Corythoichthys nigripectus Herald, 1953*: RA; [WAM].
Corythoichthys ocellatus Herald, 1953*: CB, RA; [WAM].
Corythoichthys schultzi Herald, 1953*: CB, RA; [UNIPA].
Doryrhamphus janssi (Herald and Randall, 1972)*: CB, FK, RA; [USNM, WAM].
Doryrhamphus melanopleura (Bleeker, 1858)*: CB, RA.
Dunckerocampus boylei Kuiter, 1998*: CB. RA; [UNIPA, WAM].
Dunckerocampus dactyliophorus (Bleeker, 1853)*: CB, FK, RA; [USNM, WAM].
Dunckerocampus naia Allen and Kuiter, 2004*: RA; [WAM].
Dunckerocampus pessuliferus Fowler, 1938*: FK, RA.
Festucalex erythraeus (Gilbert, 1905)*: FK.
Festucalex prolixus Dawson, 1984*: CB.
Halicampus dunckeri (Chabanaud, 1929)*: CB, RA; [WAM].
Halicampus macrorhynchus Bamber, 1915*: FK, RA.
Halicampus mataafae (Jordan and Seale, 1906)*: RA; [WAM].
Halicampus nitidus (Günther, 1873)*: FK; [USNM].
Halicampus spinirostris (Dawson and Allen, 1981)*: CB; [WAM].
Hippocampus bargibanti Whitley, 1970*: FK, RA.
Hippocampus denise Lourie and Randall, 2003*: CB, FK, RA.
Hippocampus kuda Bleeker, 1852*: RA.
Hippocampus pontohi Lourie and Kuiter, 2008: FK, RA; Lourie and Kuiter, 2008: Fig. 4 (Raja Ampat Islands); [WAM].
Hippocampus severnsi Lourie and Kuiter, 2008: FK, RA; Lourie and Kuiter, 2008: Fig. 4 (Raja Ampat Islands) [WAM].
Hippocampus sp. (Red and white banded pygmy - Fiabacet, SE Misool)*: RA; [WAM].
Micrognathus brevirostris (Rüppell, 1838): RA; de Beaufort, 1913: 102, (Saonek).
Micrognathus pygmaeus Fritzsche, 1981*: FK.
Phoxocampus belcheri (Kaup, 1856)*: RA; [WAM].
Phoxocampus tetrophthalmus (Bleeker, 1858)*: RA; [WAM].
Siokunichthys nigrolineatus Dawson, 1983*: FK, RA.
Siokunichthys sp. *(cf. breviceps* in Kuiter and Tonozuka, 2001)*: RA.
Syngnathoides biaculeatus (Bloch, 1785): CB, RA; Bleeker, 1859: 5 (Port Dorey).
Trachyrhamphus bicoarctatus (Bleeker, 1857)*: RA; [WAM].

Scorpaenidae
Dendrochirus zebra (Cuvier, 1829)*: FK, RA.
Paracentropogon longispinis (Cuvier, 1829)*: RA.
Parascorpaena bandanensis (Bleeker, 1851): CB; Bleeker, 1859: 4 (Doreh).
Parascorpaena mossambica (Peters, 1855)*: RA; [WAM].
Parascorpaena picta (Cuvier, 1829)*: FK; [WAM].
Pteroidichthys amboinensis Bleeker, 1856*: FK, RA.
Pterois andover Allen and Erdmann, 2008: CB, FK, RA; Allen and Erdmann, 2008c: 129 (Cenderawasih Bay); [NCIP, WAM].
Pterois antennata (Bloch, 1787): CB, FK, RA; Cuvier and Valenciennes, 1829: 361 (Waigeo); [UNIPA].
Pterois radiata Cuvier, 1829*: FK, RA.
Pterois volitans (Linnaeus, 1758): CB, FK, RA; Bleeker, 1859: 2 (Doreh); [UNIPA, WAM].
Scorpaenodes albaiensis (Evermann and Seale, 1907)*: CB, FK; [WAM].
Scorpaenodes guamensis (Quoy and Gaimard, 1824): CB, FK, RA; Bleeker, 1859: 3, as *Scorpaenopsis polylepis* (Bleeker, 1851) (Doreh); [WAM].
Scorpaenodes hirsutus (Smith, 1957)*: CB, FK, RA; [WAM, UNIPA].
Scorpaenodes minor (Smith, 1958)*: CB, RA; [WAM].
Scorpaenodes parvipinnis (Garrett, 1864)*: RA.
Scorpaenodes sp.*: FK; [NCIP, WAM].
Scorpaenopsis diabolus (Cuvier, 1829): CB, FK, RA; Bleeker, 1859: 2, 3 (Doreh).
Scorpaenopsis macrochir Ogilby, 1910*: FK, RA; [WAM].
Scorpaenopsis neglecta Heckel, 1837*: RA; [WAM].
Scorpaenopsis oxycephala (Bleeker, 1849)*: FK, RA; Bleeker, 1859: 3,4 (Doreh); [USNM].

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Scorpaenopsis papuensis (Cuvier, 1829): CB, FK, RA; Randall and Eschmeyer, 2001:49 (Batanta); [USNM, WAM].
Scorpaenopsis possi Randall and Eschmeyer, 2001*: FK, RA.
Scorpaenopsis venosa (Cuvier, 1829)*: CB, RA; Quoy and Gaimard, 1834: 687, as *Scorpaena novae-guineae* Cuvier, 1829 (Port Dorey); [WAM].
Sebastapistes cyanostigma (Bleeker, 1856)*: RA; [USNM].
Sebastapistes strongia (Cuvier, 1829)*: CB, RA; [UNIPA, WAM].
Taenianotus triacanthus Lacepède, 1802*: FK, RA.

Tetrarogidae
Ablabys macracanthus (Bleeker, 1852)*: RA.
Ablabys taenianotus (Cuvier, 1829)*: RA.
Liocranium praepositum Ogilby, 1903*: FK; [WAM].

Synanceiidae
Inimicus didactylus (Pallas, 1769): FK, RA; Cuvier and Valenciennes, 1829, as *Pelor maculatum* Cuvier, 1829 (Waigeo).
Minous trachycephalus (Bleeker, 1854)*: RA.
Synanceia horrida (Linnaeus, 1766)*: RA.
Synanceia verrucosa (Bloch and Schneider, 1801): RA; Cuvier and Valenciennes, 1829: 447, as *Synanceia brachio* Cuvier, 1829 (Waigeo).

Aploactinidae
Paraploactis sp.*: FK.

Caracanthidae
Caracanthus maculatus (Gray, 1831)*: CB, RA.
Caracanthus unipinna (Gray, 1831)*: CB; [UNIPA].

Dactylopteridae
Dactyloptena orientalis (Cuvier, 1829): RA; Cuvier and Valenciennes, 1829: 136 (Waigeo).

Platycephalidae
Cociella punctata (Cuvier, 1829)*: RA.
Cymbacephalus beauforti (Knapp, 1973)*: CB, FK, RA.
Onigocia pedimacula (Regan, 1908)*: CB, RA; [WAM].
Sunagocia arenicolus (Schultz, 1966)*: CB, RA; [UNIPA].
Thysanophrys celebica (Bleeker, 1854)*: RA [WAM].
Thysanophrys chiltonae Schultz, 1966*: FK, RA; [WAM].

Ambassidae
Ambassis dussumieri Cuvier, 1828: RA; de Beaufort, 1913: 113 (Majalibit Bay).
Ambassis gymnocephalus (Lacepède, 1802): RA; Weber and de Beaufort, 1929: 412 (Waigeo).
Ambassis urotaenia Bleeker, 1852: RA; Weber and de Beaufort, 1929: 404 (Waigeo).

Centropomidae
Psammoperca waigiensis (Cuvier, 1828): FK, RA; Cuvier and Valenciennes, 1828: 83 (Waigeo).

Centrogenyidae
Centrogenys vaigiensis (Quoy and Gaimard, 1824): RA; Quoy and Gaimard, 1824: 324 (Waigeo).

Serranidae
Aethaloperca rogaa (Forsskål, 1775)*: CB, FK, RA; [UNIPA].
Anyperodon leucogrammicus (Valenciennes, 1828)*: CB, FK, RA; [UNIPA].
Belonoperca chabanaudi Fowler and Bean, 1930*: CB, RA.
Cephalopholis argus Bloch and Schneider, 1801: CB, FK, RA; Cuvier and Valenciennes, 1828: 357, as *Serranus guttatus* (Bloch, 1790) (Waigeo); [UNIPA, USNM].
Cephalopholis aurantia (Valenciennes, 1828): CB; Bleeker, 1859: 3 (Doreh).
Cephalopholis boenak (Bloch, 1790): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Cephalopholis cyanostigma (Valenciennes, 1828): CB, FK, RA; Randall and Heemstra, 1991: 43 (Batanta); [UNIPA, UNSM].
Cephalopholis leopardus (Lacepède, 1801)*: CB, FK, RA.
Cephalopholis microprion (Bleeker, 1852): CB, FK, RA; Bleeker, 1859: 2 (Doreh); [UNIPA, USNM, WAM].
Cephalopholis miniata (Forsskål, 1775): CB, FK, RA; Bleeker, 1873-76: 41 (Waigeo); [UNIPA].
Cephalopholis polleni (Bleeker, 1868)*: CB, RA.

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Cephalopholis sexmaculata (Rüppell, 1830)*: CB, FK, RA; [UNIPA].
Cephalopholis sonnerati (Valenciennes, 1828)*: CB, FK, RA.
Cephalopholis spiloparaea (Valenciennes, 1828)*: CB, FK, RA; [UNIPA].
Cephalopholis urodeta (Forster, 1801): CB, FK, RA; Bleeker, 1859: 2, 4 (Doreh); [USNM].
Cromileptes altivelis (Valenciennes, 1828)*: CB, FK, RA,
Diploprion bifasciatum Cuvier, 1828*: CB, FK, RA.
Epinephelus areolatus (Forsskål, 1775): FK, RA; Randall and Heemstra, 1991: 101 (near Pulau Adi, S. Bomberai Peninsula); [USNM].
Epinephelus bilobatus Randall and Allen, 1987*: FK, RA.
Epinephelus bontoides (Bleeker, 1855): CB; Bleeker, 1859: 3 (Doreh).
Epinephelus coeruleopunctatus (Bloch, 1790); CB, FK, RA; Bleeker, 1873-76: 62 (Waigeo).
Epinephelus coioides (Hamilton, 1822)*: RA.
Epinephelus corallicola (Valenciennes, 1828)*: CB, FK, RA.
Epinephelus fasciatus (Forsskål, 1775)*: CB, FK, RA.
Epinephelus fuscoguttatus (Forsskål, 1775): CB, FK, RA; Bleeker, 1868: 299, as *Epinephelus horridus* (Valenciennes, 1828) (Waigeo; [USNM].
Epinephelus lanceolatus (Bloch, 1790)*: FK, RA.
Epinephelus macrospilos (Bleeker, 1855)*: FK, RA.
Epinephelus maculatus (Bloch, 1790): CB, FK, RA; Bleeker, 1859: 3 (Doreh).
Epinephelus malabaricus (Bloch and Schneider, 1801)*: CB, FK, RA; [USNM].
Epinephelus melanostigma Schultz, 1953*: FK, RA; [WAM].
Epinephelus merra Bloch, 1793: CB, FK, RA; Cuvier and Valenciennes, 1828: 325 (Waigeo); [UNIPA].
Epinephelus ongus (Bloch, 1790)*: CB, FK, RA; [UNIPA, USNM].
Epinephelus polyphekadion (Bleeker, 1849)*: CB, RA; [UNIPA].
Epinephelus polystigma (Bleeker, 1853)*: RA; [USNM].
Epinephelus quoyanus (Valenciennes, 1830): CB, FK, RA; Bleeker, 1868: 299, as *Epinephelus gilberti* (Richardson, 1842) (Waigeo).
Epinephelus spilotoceps Schultz, 1953*: FK, RA.
Epinephelus tukula Morgans, 1959*: RA.
Epinephelus undulosus (Quoy and Gaimard, 1824): FK, RA; Quoy and Gaimard, 1824: 310 (Waigeo).
Gracila albomarginata (Fowler and Bean, 1930)*: CB, FK, RA.
Grammistes sexlineatus (Thunberg, 1792): CB, FK, RA; Bleeker, 1859: 3, 4, as *Grammistes orientalis* Bloch and Schneider, 1801 (Doreh).
Grammistops ocellatus Schultz, 1953*: CB, RA; [UNIPA].
Liopropoma susumi (Jordan and Seale, 1906)*: RA.
Luzonichthys waitei (Fowler, 1931)*: FK, RA; [WAM].
Plectranthias inermis Randall, 1980*: FK, RA; [WAM].
Plectranthias longimanus (Weber, 1913)*: CB, RA; [WAM].
Plectropomus areolatus (Rüppell, 1830)*: CB, FK, RA.
Plectropomus laevis (Lacepède, 1801)*: CB, RA.
Plectropomus leopardus (Lacepède, 1802)*: CB, FK, RA; [UNIPA].
Plectropomus maculatus (Bloch, 1790)*: CB, FK, RA.
Plectropomus oligacanthus (Bleeker, 1854)*: CB, FK, RA.
Pogonoperca punctata (Valenciennes, 1830)*: CB, FK, RA.
Pseudanthias bicolor (Randall, 1979)*: CB, RA.
Pseudanthias charleneae Allen and Erdmann, 2008: CB, FK, RA; Allen and Erdmann, 2008d: 140 (Cenderawasih Bay); [NCIP, WAM].
Pseudanthias cooperi (Regan, 1902)*: FK.
Pseudanthias dispar (Herre, 1955)*: CB, FK, RA.
Pseudanthias fasciatus (Kamohara, 1954)*: RA.
Pseudanthias flavoguttatus (Katayama and Masuda, 1980)*: CB, FK, RA.
Pseudanthias huchtii (Bleeker, 1857)*: CB, FK, RA; [UNIPA].
Pseudanthias hypselosoma Bleeker, 1878: CB, FK, RA; Weber and de Beaufort, 1931: 101 (Misool).
Pseudanthias hutomoi (Allen and Burhanuddin, 1976)*: CB, FK, RA.
Pseudanthias lori (Lubbock and Randall, 1976)*: FK, RA.
Pseudanthias luzonensis (Katayama and Masuda, 1983)*: CB, FK, RA.

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Pseudanthias parvirostris (Randall and Lubbock, 1981)*: FK.
Pseudanthias pleurotaenia (Bleeker, 1857)*: CB, FK, RA; [UNIPA, WAM].
Pseudanthias randalli (Lubbock and Allen, 1978)*: CB, FK, RA; [UNIPA, WAM].
Pseudanthias rubrizonatus (Randall, 1983)*: FK, RA.
Pseudanthias smithvanizi (Randall and Lubbock, 1981)*: CB, RA.
Pseudanthias squamipinnis (Peters, 1855)*: CB, FK, RA.
Pseudanthias tuka (Herre and Montalban, 1927)*: CB, FK, RA.
Pseudogramma megamycterum Randall and Baldwin, 1997*: FK; [WAM].
Pseudogramma polyacanthum (Bleeker, 1856): CB, FK, RA; Bleeker, 1859: 4 (Doreh); [USNM, WAM].
Rabaulichthys altipinnis Allen, 1984*: RA; [WAM].
Variola albimarginata Baissac, 1953*: CB, FK, RA.
Variola louti (Forsskål, 1775): CB, FK, RA; Cuvier and Valenciennes, 1828: 367, as *Serranus punctulatus* (Lacepède, 1801) (Waigeo).

Pseudochromidae
Amsichthys knighti (Allen, 1987)*: CB, FK, RA; [USNM, WAM].
Congrogadus subducens (Richardson, 1843): RA; Winterbottom, Reist and Goodchild, 1984 (Raja Ampat Islands); [USNM].
Cypho zaps Gill, 2004*: RA; [WAM].
Labracinus cyclophthalmus (Müller and Troschel, 1849): CB, FK, RA; Bleeker, 1868: 299, as *Cichlops spilopterus* Bleeker, 1853 (Waigeo); [USNM, WAM].
Lubbockichthys multisquamatus (Allen, 1987)*: FK, RA; [WAM].
Manonichthys jamali Allen and Erdmann, 2007: FK, RA; Allen and Erdmann, 2007: 542 (Pulau Tumbu Tumbu); [NCIP, USNM, WAM].
Manonichthys splendens (Fowler, 1931)*: RA.
Pictichromis caitlinae Allen, Gill and Erdmann, 2008: CB; Barrall and Gill, 1997: 48, as *Pseudochromis aurifrons* (non Lubbock, 1980) (Biak); [NCIP, UNIPA, USNM, WAM].
Pictichromis porphyrea (Lubbock and Goldman, 1974): CB, FK, RA; Gill, 2004: 67 (north of Sorong).
Pseudochromis bitaeniatus (Fowler, 1931)*: CB, FK, RA; [UNIPA].
Pseudochromis cyanotaenia Bleeker, 1857*: RA.
Pseudochromis elongatus Lubbock, 1980*: CB, FK, RA; [WAM].
Pseudochromis fuscus Müller and Troschel, 1849: CB, FK, RA; Bleeker, 1868: 299 (Waigeo); [UNIPA, USNM, WAM].
Pseudochromis jace Allen, Gill and Erdmann, 2008: FK, RA; Allen et al, 2008: 156 (Triton Bay); [NCIP, USNM, WAM].
Pseudochromis litus Gill and Randall, 1998*: FK, RA; [WAM].
Pseudochromis marshallensis Schultz, 1953*: CB, FK, RA; [USNM, WAM].
Pseudochromis perspicillatus Günther, 1862*: RA.
Pseudochromis pylei Randall and McCosker, 1989*: RA.
Pseudochromis sp. 1. (Gill, Allen and Erdmann in preparation)*: FK, RA; [NCIP, WAM].
Pseudochromis sp. 2 (Gill, Allen and Erdmann in preparation)*: RA; [NCIP, WAM].
Pseudochromis sp. 3 (Gill, Allen and Erdmann in preparation)*: RA; [NCIP, WAM].
Pseudochromis tapeinosoma Bleeker, 1853*: RA; [WAM].
Pseudoplesiops annae (Weber, 1913)*: FK, RA; [WAM].
Pseudoplesiops immaculatus Gill and Edwards, 2002*: CB; [USNM].
Pseudoplesiops rosae Schultz, 1943*: CB, FK, RA; [USNM, WAM].
Pseudoplesiops typus Bleeker, 1858: CB, RA; Bleeker, 1859: 4 (Waigeo); [USNM, WAM].

Plesiopidae
Belonepterygion fasciolatum (Ogilby, 1889)*: RA; [WAM].
Calloplesiops altivelis (Steindachner, 1903)*: FK, RA.
Plesiops cephalotaenia Inger, 1955: RA; Mooi, 1955: 15 (Irian Jaya); [USNM].
Plesiops coeruleolineatus Rüppell, 1835: CB, RA; Bleeker, 1859: 4, (Doreh); [WAM].

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Plesiops corallicola Bleeker, 1853: RA; Bleeker, 1868: 299, as *Plesiops nigricans* (non Rüppell, 1828) (Waigeo); [WAM].
Plesiops gracilis Mooi and Randall, 1991: CB; Mooi, 1995: 35 (Batanta); [USNM].
Steeneichthys plesiopsus Allen and Randall, 1985*: RA; [WAM].

Cirrhitidae
Amblycirrhitus bimacula (Jenkins, 1903)*: CB; [USNM, WAM].
Cirrhitichthys aprinus (Cuvier, 1829)*: FK, RA.
Cirrhitichthys falco Randall, 1963*: CB, FK, RA; [UNIPA].
Cirrhitichthys oxycephalus (Bleeker, 1855): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Cirrhitus pinnulatus (Forster, 1801)*: FK, RA.
Cyprinocirrhites polyactis (Bleeker, 1874)*: CB, FK, RA.
Oxycirrhites typus Bleeker, 1857*: CB, FK, RA.
Paracirrhites arcatus (Cuvier, 1829)*: CB, RA.
Paracirrhites forsteri (Schneider, 1801): CB, FK, RA; Bleeker, 1859: 3, as *Cirrhites pantherinus* (Lacepède, 1802) (Doreh); [UNIPA].

Opistognathidae
Opistognathus castelnaui Bleeker, 1860*: FK, RA; [WAM].
Opistognathus papuensis Bleeker, 1868: RA; Bleeker, 1868: 333 (Waigeo); Waigeo locale is possibly erroneous as all other records are from northern Australia (Smith-Vaniz personal communication).
Opistognathus randalli Smith-Vaniz, 2009*: FK, RA; [WAM].
Opistognathus rufilineatus Smith-Vaniz and Allen, 2007: FK; Smith-Vaniz and Allen, 2007: 37 (Triton Bay); [WAM].
Opistognathus variabilis Smith-Vaniz, 2009: FK, RA; Smith-Vaniz, 2009: 96-97 (Raja Ampat, Triton Bay); [WAM].
Opistognathus sp. 1 (Smith-Vaniz in preparation)*: CB; [WAM].
Opistognathus sp. 2 (Dwarf Jawfish of Randall, 2005: 345)*: FK, RA; [WAM].
Opistognathus sp. 3 (Chinstrap Jawfish of Randall, 2005: 345)*: FK, RA; [WAM].
Stalix moenensis (Popta, 1922): FK; Smith-Vaniz, 1989: 396 (Semai Island, FakFak).
Stalix sp. 1*: RA, FK; [WAM].
Stalix sp. 2*: RA; [WAM].
Stalix versluysi (Weber, 1913)*: CB; [WAM].

Terapontidae
Terapon jarbua (Forsskål, 1775): CB; RA; Bleeker, 1859: 3, as *Therapon servus* (Bloch, 1790) (Doreh); [USNM].
Terapon puta Cuvier, 1829: RA; de Beaufort, 1913: 118 (Majalibit Bay).
Terapon theraps Cuvier, 1829: RA; Bleeker, 1859: 4 (Doreh); [WAM].

Priacanthidae
Heteropriacanthus cruentatus (Lacepède, 1801)*: CB, FK.
Priacanthus hamrur (Forsskål, 1775)*: CB, FK, RA.
Priacanthus sagittarius Starnes, 1988*: RA.

Apogonidae
Apogon amboinensis Bleeker, 1853: RA; Weber and de Beaufort, 1929: 340: (Waigeo).
Apogon angustatus (Smith and Radcliffe, 1911)*: FK, RA.
Apogon apogonides (Bleeker, 1856)*: FK, RA.
Apogon argyrogaster Weber, 1909*: FK; [WAM].
Apogon aureus (Lacepède, 1802): CB, FK, RA; Bleeker, 1859: 4, as *Apogon roseipinnis* Cuvier, 1829 (Doreh).
Apogon cavitensis (Jordan and Seale, 1907)*: RA; [WAM].
Apogon ceramensis Bleeker, 1852: CB, RA; de Beaufort, 1913: 114,
(Majalibit Bay).
Apogon chrysopomus Bleeker, 1854*: RA.
Apogon chrysotaenia Bleeker, 1851*: FK, RA; [WAM].
Apogon cladophilos Allen and Randall, 2002*: RA.
Apogon compressus (Smith and Radcliffe, 1911)*: CB, FK, RA.
Apogon crassiceps Garman, 1903*: CB, FK, RA; [UNIPA, WAM].
Apogon cyanosoma Bleeker, 1853*: CB, FK, RA; [UNIPA, WAM].
Apogon dispar Fraser and Randall, 1976*: FK, RA; [WAM].
Apogon doryssa (Jordan and Seale, 1906)*: RA.
Apogon evermanni Jordan and Snyder, 1904*: CB, RA; [WAM].

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Apogon exostigma (Jordan and Starks, 1906): CB, FK, RA; Fraser and Lachner, 1985: 22 (Batanta); [USNM].
Apogon fleurieu (Lacepède, 1802)*: FK, RA,
Apogon fraenatus Valenciennes, 1832*: CB, FK, RA; [UNIPA].
Apogon hartzfeldii Bleeker, 1852: CB, RA. Bleeker, 1859: 4(Doreh).
Apogon holotaenia Regan, 1905*: FK, RA; [WAM].
Apogon hoevenii Bleeker, 1854*: CB, FK, RA.
Apogon jenkinsi (Evermann and Seale, 1907)*: FK, RA.
Apogon kallopterus Bleeker, 1856*: CB, FK, RA; [WAM].
Apogon lateralis Valenciennes, 1832: RA; Fowler, 1939: 82 (Sorong); [USNM].
Apogon leptofasciatus Allen, 2001: RA; Allen, 2001a: 145 (Batanta); [NCIP, WAM].
Apogon melanoproctus Fraser and Randall, 1976*: FK, RA; [WAM].
Apogon melas Bleeker, 1848*: CB, FK, RA; de Beaufort, 1913: 115 (Majalibit Bay); [USNM, WAM].
Apogon moluccensis Valenciennes, 1832*: FK.
Apogon monospilus Fraser, Randall and Allen, 2002*: CB, FK, RA.
Apogon multilineatus (Bleeker, 1864)*: CB, FK, RA.
Apogon nanus Allen, Kuiter and Randall, 1994*: FK, RA.
Apogon neotes Allen, Kuiter and Randall, 1994*: CB, FK, RA.
Apogon nigrofasciatus Lachner, 1953*: CB, FK, RA; [USNM, WAM].
Apogon novemfasciatus Cuvier, 1828*: CB, RA; [UNIPA].
Apogon ocellicaudus Allen, Kuiter and Randall, 1994*: CB, FK, RA.
Apogon oxygrammus Allen, 2001: CB, RA Allen, 2001a: 147 (Pef Island, Raja Ampat Islands); [NCIP, WAM].
Apogon parvulus (Smith and Radcliffe, 1912)*: CB, FK, RA.
Apogon perlitus Fraser and Lachner, 1985*: FK, RA; [WAM].
Apogon posterofasciatus Allen and Randall, 2002*: RA; [WAM].
Apogon quadrifasciatus Cuvier, 1828*: CB, FK, RA; [USNM, WAM].
Apogon rhodopterus Bleeker, 1852*: CB, RA; [UNIPA, USNM, WAM].
Apogon sealei (Fowler, 1918)*: CB, FK, RA; [USNM].
Apogon selas Randall and Hayashi, 1990*: CB, FK, RA; [WAM].
Apogon seminigracaudus Greenfield, 2007*: RA; [WAM].
Apogon semiornatus Peters, 1876*: FK, RA; [WAM].
Apogon sp. 1 (*Apogon* sp. "Maumere" of Kuiter and Debelius, 2006: 176)*: CB, RA; [WAM].
Apogon. sp. 2 (*Apogon* sp. "Saowisata" of Kuiter and Debelius, 2006: 176)*: CB; [WAM].
Apogon taeniophorus Regan, 1908*: FK, RA; [WAM].
Apogon talboti Smith, 1961*: RA; [USNM, WAM].
Apogon thermalis Cuvier, 1829: FK, RA; Weber and de Beaufort, 1929: 343, as *Apogon sangiensis* Bleeker, 1857 (Waigeo).
Apogon trimaculatus Cuvier, 1828*: CB, FK, RA; [UNIPA, USNM].
Apogon wassinki Bleeker, 1861*: FK, RA; [WAM].
Apogonichthyoides timorensis Bleeker, 1854*: RA; [WAM].
Apogonichthyoides umbratilis Fraser and Allen, 2009*: RA; [WAM].
Apogonichthys ocellatus (Weber, 1913)*: RA; [WAM].
Apogonichthys perdix Bleeker, 1854*: RA; [WAM].
Archamia biguttata Lachner, 1951*: CB, FK, RA.
Archamia fucata (Cantor, 1849)*: CB, FK, RA; [WAM].
Archamia macroptera (Cuvier,1828)*: FK, RA; [WAM].
Archamia melasma Lachner and Taylor, 1960*: FK.
Archamia zosterophora (Bleeker, 1856)*: CB, FK, RA; [USNM].
Cercamia eremia (Allen, 1987)*: CB, FK, RA; [WAM].
Cheilodipterus alleni Gon, 1993*: CB, FK, RA.
Cheilodipterus artus Smith, 1961*: CB, FK, RA.
Cheilodipterus intermedius Gon, 1993*: RA; [WAM].
Cheilodipterus macrodon (Lacepède, 1802)*: CB, FK, RA; [USNM].

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Cheilodipterus nigrotaeniatus Smith and Radcliffe, 1912*: FK, RA; [WAM].
Cheilodipterus parazonatus Gon, 1993*: CB.
Cheilodipterus quinquelineatus Cuvier, 1828*: CB, FK, RA; [UNIPA, USNM].
Cheilodipterus singapurensis Bleeker, 1859-60: CB, RA; de Beaufort, 1913: 116 (Majalibit Bay); [UNIPA, USNM].
Foa brachygramma (Jenkins, 1903)*: FK, RA; [WAM].
Foa fo Jordan and Seale, 1905*: RA.
Fowleria aurita (Valenciennes, 1831)*: CB, RA; [WAM].
Fowleria marmorata (Alleyne and Macleay, 1877)*: CB, RA; [UNIPA, USNM, WAM].
Fowleria punctulata (Rüppell, 1838)*: RA; [WAM].
Fowleria vaiulae (Jordan and Seale, 1906)*: CB, RA; [WAM].
Gymnapogon sp.*: RA; [WAM].
Gymnapogon urospilotus Lachner, 1953*: CB, RA; [WAM].
Neamia articycla Fraser and Allen, 2006: CB; Fraser and Allen, 2006 (Yapen Island); [WAM].
Nectamia bandanensis (Bleeker, 1854): CB, FK, RA; Bleeker, 1859: 4, (Doreh); [WAM].
Nectamia fusca (Quoy and Gaimard, 1825)*; RA; Fraser, 2008: 16 (Misool); [USNM, WAM].
Nectamia luxuria Fraser, 2008*: CB; Fraser, 2008: 16 (Waigeo); [UNIPA].
Nectamia savayensis Günther, 1872*: FK; [USNM].
Nectamia similis (Fraser, 2008)*: FK, RA; Fraser, 2008: 38 (northwest Irian Jaya); [WAM].
Pseudamia gelatinosa Smith, 1955: CB, RA; Randall et al, 1985: 11 (Batanta [UNIPA, WAM].
Pseudamia hayashii Randall, Lachner and Fraser, 1985: CB, FK, RA; Randall et al, 1985: 12 (Batanta); [UNIPA, USNM, WAM].
Pseudamia zonata Randall, Lachner and Fraser, 1985*: RA.
Pseudamiops gracilicauda (Lachner, 1953)*: RA; [WAM].
Rhabdamia cypselura Weber, 1909*: CB, FK, RA; [UNIPA].
Rhabdamia gracilis (Bleeker, 1856)*: CB, FK, RA.
Rhabdamia spilota Allen and Kuiter, 1994*: CB, FK.
Siphamia elongata Lachner, 1953*: RA.
Siphamia fistulosa (Weber, 1909)*: CB, FK, RA.
Siphamia jebbi Allen, 1993*: RA; [USNM].
Siphamia sp. 1 (*stenotes* Gon and Allen, in preparation)*: FK; [WAM].
Siphamia sp. 2 (*cyanophthalma* Gon and Allen, in preparation)*: FK, RA; [WAM].
Siphamia tubifer Weber, 1909*: FK, RA; [WAM].
Sphaeramia nematoptera (Bleeker, 1856)*: CB, FK, RA; [USNM].
Sphaeramia orbicularis (Cuvier, 1828): CB, RA; de Beaufort, 1913: 114 (Majalibit Bay); [USNM].
Zoramia fragilis (Smith, 1961)*: FK; [WAM].
Zoramia gilberti (Jordan and Seale, 1905)*: CB, FK, RA.
Zoramia leptacanthus Bleeker, 1856-57*: CB, RA; [WAM].
Zoramia virdiventer Greenfield, Langston and Randall, 2004*: CB, FK, RA.

Sillaginidae
Sillago macrolepis Bleeker, 1859: RA; de Beaufort, 1913: 114 (Saonek).
Sillago sihama (Forsskål, 1775): CB, RA; Bleeker, 1859: 2, as *Sillago malabarica* (Bloch and Schneider, 1801) (Doreh); [USNM, WAM].

Malacanthidae
Hoplolatilus chlupatyi Klausewitz, McCosker, Randall and Zetzsche, 1978*: FK.
Hoplolatilus cuniculus Randall and Dooley, 1974*: CB, FK, RA.
Hoplolatilus erdmanni Allen, 2007: CB, FK, RA; Allen, 2007: 103 (Triton Bay); [NCIP, WAM].
Hoplolatilus luteus Allen and Kuiter, 1989*: FK.
Hoplolatilus marcosi Burgess, 1978*: FK, RA.
Hoplolatilus pohle Earle and Pyle, 1997*: FK, RA; [WAM].
Hoplolatilus purpureus Burgess, 1978*: FK, RA.
Hoplolatilus sp.*: CB, FK, RA; [NCIP, WAM, USNM].
Hoplolatilus starcki Randall and Dooley, 1974*: CB, FK, RA.
Malacanthus brevirostris Guichenot, 1848: CB, FK, RA; Bleeker, 1859: 3, 18, as *Malacanthus hoedtii* Bleeker, 1859 (Doreh).
Malacanthus latovittatus (Lacepède, 1801): CB, FK, RA; Quoy and Gaimard, 1834: 701 (Port Dorey).

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Lactariidae
Lactarius lactarius (Bloch and Schneider, 1801): RA; Bleeker, 1868: 300, as *Lactarius delicatulus* Valenciennes, 1833 (Waigeo).

Echeneidae
Echeneis naucrates Linnaeus, 1758*: CB, FK, RA; [UNIPA, USNM].

Rachycentridae
Rachycentron canadum (Linnaeus, 1766)*: RA.

Carangidae
Alectis ciliaris (Bloch, 1787): RA; Bleeker, 1868: 300, as *Citula gallus* Lacepède, 1802 (Waigeo).
Alepes kleinii (Bloch, 1793): RA; Fowler, 1939: 82, as *Selar megalapsis* Bleeker, 1853 (Sorong).
Atule mate (Cuvier, 1833): CB, FK, RA; Bleeker, 1859: 3, 4, as *Selar hasselti* Bleeker, 1851 (Doreh).
Carangoides bajad (Forsskål, 1775)*: CB, FK, RA.
Carangoides dinema Bleeker, 1851: RA; Weber and de Beaufort, 1931: 241 (Waigeo).
Carangoides ferdau (Forsskål, 1775)*: CB, FK, RA.
Carangoides fulvoguttatus (Forsskål, 1775)*: CB, FK, RA.
Carangoides gymnostethus (Cuvier, 1833)*: FK.
Carangoides plagiotaenia Bleeker, 1857*: CB, FK, RA.
Caranx ignobilis (Forsskål, 1775): CB, FK, RA ; Bleeker, 1868: 300, as *Caranx hippos* (non Linnaeus, 1766), (Waigeo).
Caranx melampygus Cuvier, 1833: CB, FK, RA; Cuvier and Valenciennes, 1833: 116 (Waigeo).
Caranx papuensis Alleyne and Macleay, 1877*: CB, FK, RA.
Caranx sexfasciatus Quoy and Gaimard, 1825: CB, FK, RA; Cuvier and Valenciennes, 1833: 110 (Waigeo).
Elagatis bipinnulata (Quoy and Gaimard, 1825): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Gnathanodon speciosus (Forsskål, 1775): CB, FK, RA; Bleeker 1868: 300 (Waigeo).
Scomberoides commersonnianus (Lacepède, 1801): RA; Bleeker, 1868: 300 (Waigeo).
Scomberoides lysan (Forsskål, 1775): FK, RA; Bleeker, 1868: 300, as *Scomberoides commersonianus* (Forsskål, 1775), (Waigeo).
Scomberoides tol (Cuvier, 1832)*: CB, FK.
Selar boops (Cuvier, 1833): FK, RA; de Beaufort, 1913: 132 (Saonek).
Selar crumenophthalmus (Bloch, 1793): RA; de Beaufort, 1913: 132 (Saonek).
Selaroides leptolepis (Kuhl and van Hasselt, 1833)*: FK, RA.
Trachinotus baillonii (Lacepède, 1801)*: RA.
Trachinotus blochii (Lacepède, 1801)*: CB, FK, RA.
Ulua mentalis (Cuvier, 1833): FK, RA; Bleeker, 1868: 300, as *Leioglossus carangoides* Bleeker, 1851 (Waigeo).

Leiognathidae
Equulites stercorarius (Evermann and Seale, 1907)*: FK.
Gazza minuta (Bloch, 1795): RA; Bleeker, 1868: 300, as *Gazza equulaeformis* Rüppell, 1835 (Waigeo).

Lutjanidae
Aphareus furca (Lacepède, 1801)*: CB, FK, RA.
Aprion virescens Valenciennes, 1830*: CB, FK, RA.
Lutjanus argentimaculatus (Forsskål, 1775): CB, FK, RA; Cuvier and Valenciennes, 1828: 478, as *Mesoprion olivaceus* Cuvier, 1828 (Waigeo); [UNIPA].
Lutjanus biguttatus (Valenciennes, 1830): CB, FK, RA; de Beaufort, 1913: 116 (Majalibit Bay); [UNIPA].
Lutjanus bohar (Forsskål, 1775): CB, FK, RA; Bleeker, 1859: 3, as *Mesoprion quadriguttatus* (Cuvier, 1828) (Doreh); [UNIPA].
Lutjanus boutton (Lacepède, 1802)*: CB, FK, RA; [UNIPA].
Lutjanus carponotatus (Richardson, 1842)*: CB, FK, RA.
Lutjanus decussatus (Cuvier, 1828)*: FK, RA.
Lutjanus ehrenbergii (Peters, 1869)*: CB, FK, RA.
Lutjanus erythropterus Bloch, 1790*: RA.
Lutjanus fulviflamma (Forsskål, 1775): CB, FK, RA; Quoy and Gaimard, 1824: 304, as *Lutjanus unimaculatus* Quoy and Gaimard, 1824 (Waigeo).
Lutjanus fulvus (Forster, 1801): CB, FK, RA; Quoy and Gaimard, 1824: 307, as *Diacope vaigiensis* Quoy and Gaimard, 1824 (Waigeo); [USNM].

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Lutjanus gibbus (Forsskål, 1775): CB, FK, RA; Quoy and Gaimard, 1824: 309, as *Diacope lineata* Quoy and Gaimard, 1824 (Waigeo).
Lutjanus johnii (Bloch, 1792)*: RA.
Lutjanus kasmira (Forsskål, 1775): CB, FK, RA; Bleeker, 1859: 3, as *Mesoprion octolineata* (Cuvier, 1828) (Port Dorey); [UNIPA].
Lutjanus lemniscatus (Valenciennes, 1828)*: FK, RA.
Lutjanus lunulatus (Park, 1797)*: FK.
Lutjanus lutjanus Bloch, 1790: FK, RA; Bleeker, 1876-77: 52 (Waigeo).
Lutjanus malabaricus Schneider, 1801*: CB, FK; [WAM].
Lutjanus maxweberi Popta, 1921*: CB.
Lutjanus monostigma (Cuvier, 1828): CB, FK, RA; de Beaufort, 1913: 117 (Saonek); [USNM].
Lutjanus quinquelineatus (Bloch, 1790)*: CB, FK, RA.
Lutjanus rivulatus (Cuvier, 1828): CB, FK, RA; Bleeker, 1876-77: 299 (Waigeo).
Lutjanus rufolineatus (Valenciennes, 1830): CB, FK, RA; Bleeker, 1868: 299, as *Lutjanus amboinensis* (Bleeker, 1852) (Waigeo); [UNIPA].
Lutjanus russellii (Bleeker, 1849)*: CB, FK, RA; [USNM].
Lutjanus sebae (Cuvier, 1816): RA; Cuvier, 1816: 275 (Waigeo).
Lutjanus semicinctus Quoy and Gaimard, 1824: CB, FK, RA; Quoy and Gaimard, 1824: 303 (Waigeo).
Lutjanus timoriensis (Quoy and Gaimard, 1824)*: FK.
Lutjanus vitta (Quoy and Gaimard, 1824): CB, FK, RA; Cuvier and Valenciennes, 1828: 239 (Waigeo).
Macolor macularis Fowler, 1931*: CB, FK, RA.
Macolor niger (Forsskål, 1775): CB, FK, RA; Lesson, 1828: 409, as *Diacope macolor* Lesson, 1827 (Dorey Harbour).
Paracaesio sordida Abe and Shinohara, 1962*: CB, RA.
Paracaesio xanthura (Bleeker, 1869)*: FK, RA.
Pinjalo lewisi Randall, Allen and Anderson, 1987*: CB, FA, RA; [UNIPA].
Symphorichthys spilurus (Günther, 1874): FK, RA; Fowler, 1939: 87 (Salawati).
Symphorus nematophorus (Bleeker, 1860)*: FK, RA.

Lobotidae

Lobotes surinamensis (Bloch, 1790): CB, RA; Bleeker, 1868: 299, as *Lobotes auctorum* Günther, 1859 (Waigeo).

Caesionidae

Caesio caerulaurea Lacepède, 1801: CB, FK, RA; de Beaufort, 1913: 122, as *Caesio maculatus* Cuvier, 1830 (Majalibit Bay).
Caesio cuning (Bloch, 1791)*: CB, FK, RA; [UNIPA, USNM].
Caesio lunaris Cuvier, 1830*: CB, FK, RA.
Caesio teres Seale, 1906*: CB, FK, RA.
Dipterygonotus balteatus (Valenciennes, 1830)*: FK, RA.
Gymnocaesio gymnoptera (Bleeker, 1856)*: CB, FK, RA.
Pterocaesio chrysozona (Cuvier, 1830)*: FK.
Pterocaesio digramma (Bleeker, 1865)*: CB, FK, RA; [USNM].
Pterocaesio lativittata Carpenter, 1987*: CB, RA; [WAM].
Pterocaesio marri Schultz, 1953*: CB, FK, RA.
Pterocaesio monikae Allen and Erdmann, 2008: CB; Allen and Erdmann, 2008e: 165 (Cenderawasih Bay); [NCIP, UNIPA, WAM].
Pterocaesio pisang (Bleeker, 1853)*: CB, FK, RA; [UNIPA, USNM].
Pterocaesio randalli Carpenter, 1987*: CB, RA.
Pterocaesio tessellata Carpenter, 1987*: CB, FK, RA.
Pterocaesio tile (Cuvier, 1830)*: CB, FK, RA.
Pterocaesio trilineata Carpenter, 1987*: CB, FK.

Gerreidae

Gerres argyreus (Forster, 1801)*: RA.
Gerres erythrourus (Bloch, 1791): RA; Bleeker, 1868: 299, as *Diapterus abbreviatus* (Bleeker, 1850) (Waigeo).
Gerres filamentosus Cuvier, 1829: RA; Bleeker, 1868: 299, (Waigeo).
Gerres oblongus Cuvier, 1830: RA; Bleeker, 1868: 126, as *Diapterus macrosoma* (Bleeker, 1854) (Waigeo).
Gerres oyena (Forsskål, 1775): FK, RA; Quoy and Gaimard, 1824: 292, as *Gerres waigiensis* Quoy and Gaimard, 1824 (Waigeo).

Haemulidae

Diagramma melanacrum Johnson and Randall, 2001*: CB, FK.

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Diagramma pictum (Thunberg, 1792): CB, FK, RA; Günther, 1873: 410, as *Diagramma punctatum* (non Cuvier, 1830), (Misool).
Plectorhinchus albovittatus (Rüppell, 1838)*: CB, FK, RA.
Plectorhinchus chaetodonoides (Lacepède, 1800)*: CB, FK, RA; [UNIPA].
Plectorhinchus chrysotaenia (Bleeker, 1855)*: CB, FK, RA.
Plectorhinchus gibbosus (Lacepède, 1802)*: CB, FK, RA; [UNIPA].
Plectorhinchus lessonii (Cuvier, 1830): FK, RA; Cuvier and Valenciennes, 1830: 313 (Waigeo).
Plectorhinchus lineatus (Linnaeus, 1758)*: CB, FK, RA.
Plectorhinchus picus (Cuvier, 1830)*: RA.
Plectorhinchus polytaenia (Bleeker, 1852): FK, RA; Günther, 1873: 410 (Misool).
Plectorhinchus unicolor (Macleay, 1883)*: FK, RA.
Plectorhinchus vittatus (Linnaeus, 1758): CB, FK, RA; Bleeker, 1859: 2, as *Diagramma sebae* Bleeker, 1850 (Doreh).
Pomadasys argenteus (Forsskål, 1775): RA; Bleeker, 1868: 299, as *Pristipoma hasta* (Bloch, 1790) (Waigeo).
Pomadasys maculatus (Bloch, 1793): RA; Bleeker, 1868: 299 (Waigeo).

Lethrinidae
Gnathodentex aureolineatus Lacepède, 1802*: CB, FK, RA.
Gymnocranius elongatus Senta, 1973*: FK; [WAM].
Gymnocranius grandoculis (Valenciennes, 1830)*: CB, RA.
Gymnocranius sp.*: FK, RA.
Lethrinus atkinsoni Seale, 1910*: CB, FK, RA.
Lethrinus amboinensis Bleeker, 1854: RA; Fowler, 1939: 83 (Sorong).
Lethrinus erythracanthus Valenciennes, 1830: CB, FK, RA; Bleeker, 1859: 4, as *Lethrinus kallopterus* Bleeker, 1856 (Doreh); [USNM].
Lethrinus erythropterus Valenciennes, 1830: CB, FK, RA; Bleeker, 1873: 326, as *Lethrinus hypselopterus* (Waigeo).
Lethrinus harak (Forsskål, 1775): CB, FK, RA; Bleeker, 1868: 299 (Waigeo); [USNM].
Lethrinus laticaudis Alleyne and Macleay, 1877*: RA.
Lethrinus lentjan (Lacepède, 1802): CB, FK, RA; de Beaufort, 1913: 123, as *Lethrinus opercularis* Valenciennes, 1830 (Saonek); [USNM].
Lethrinus microdon Valenciennes, 1830*: FK.
Lethrinus nebulosus (Forsskål, 1775)*: CB, FK, RA.
Lethrinus obsoletus (Forsskål, 1775)*: CB, FK, RA.
Lethrinus olivaceus Valenciennes, 1830: CB, FK, RA; Cuvier and Valenciennes, 1830: 297, as *Lethrinus waigiensis* (Valenciennes, 1830) (Waigeo).
Lethrinus ornatus Valenciennes, 1830: CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Lethrinus ravus Carpenter and Randall, 2003*: RA.
Lethrinus semicinctus Valenciennes, 1830*: CB, FK, RA.
Lethrinus variegatus Valenciennes, 1830*: CB, FK, RA.
Lethrinus xanthochilus Klunzinger, 1870*: CB, FK, RA.
Monotaxis grandoculis (Forsskål, 1775)*: CB, FK, RA.
Monotaxis heterodon (Bleeker, 1854)*: FK, RA.

Nemipteridae
Nemipterus hexodon (Quoy and Gaimard, 1824): RA; Cuvier and Valenciennes, 1830: 247, as *Dentex ruber* Valenciennes, 1830 (Waigeo).
Nemipterus nemurus (Bleeker, 1857): RA; Bleeker, 1868: 299 (Waigeo).
Nemipterus zysron (Bleeker, 1857)*: CB; [UNIPA].
Pentapodus aureofasciatus Russell, 2001*: CB, FK, RA; [UNIPA].
Pentapodus caninus (Cuvier, 1830): CB; Bleeker, 1859: 2, as *Heterognathodon hellmuthi* Bleeker, 1853 (Doreh).
Pentapodus emeryii (Richardson, 1843)*: FK, RA.
Pentapodus numberii Allen and Erdmann, 2009: FK, RA; Allen and Erdmann, 2009: 280 (Triton Bay, Misool).
Pentapodus porosus (Valenciennes, 1830)*: FK.
Pentapodus trivittatus (Bloch, 1791)*: CB, FK, RA.
Scolopsis affinis Peters, 1877*: CB, FK, RA; [UNIPA].
Scolopsis bilineata (Bloch, 1793): CB, FK, RA; Bleeker, 1859: 3 (Port Dorey); [UNIPA].

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Scolopsis ciliata (Lacepède, 1802)*: CB, FK, RA.
Scolopsis lineata Quoy and Gaimard, 1824: CB, FK, RA; Quoy and Gaimard, 1824: 322 (Waigeo).
Scolopsis margaritifera (Cuvier, 1830): CB, FK, RA; Cuvier and Valenciennes, 1830: 337 (Waigeo); [USNM].
Scolopsis monogramma (Kuhl and Van Hasselt, 1830)*: FK, RA; [WAM].
Scolopsis temporalis (Cuvier, 1830): CB, FK, RA; Cuvier and Valenciennes, 1830: 341 (Waigeo).
Scolopsis trilineata Kner, 1868*: CB, FK, RA; [USNM].
Scolopsis vosmeri (Bloch, 1792)*: FK, RA.
Scolopsis xenochrous Günther, 1872: CB, FK, RA; Günther, 1873: 410 (Misool).

Mullidae
Mulloidichthys flavolineatus (Lacepède, 1801)*: CB, FK, RA.
Mulloidichthys vanicolensis (Valenciennes, 1831): CB, FK, RA; Fowler, 1939: 94, as *Mulloidichthys auriflamma* (Forsskål, 1775) (Batanta).
Parupeneus barberinoides (Bleeker, 1852): FK, RA; Fowler, 1939: 87 (Salawati).
Parupeneus barberinus (Lacepède, 1801): CB, FK, RA; Giltay, 1933: 65 (Manokwari).
Parupeneus chrysopleuron (Temminck and Schlegel, 1843)*: FK.
Parupeneus crassilabris (Valenciennes, 1831): CB, FK, RA; Bleeker, 1859: 3, 4, as *Upeneus trifasciatus* (non Lacepède 1801) and *P. bifasciatus* (Lacepede, 1801) (Doreh); [UNIPA].
Parupeneus cyclostomus (Lacepède, 1801)*: CB, FK, RA.
Parupeneus heptacanthus (Lacepède, 1802)*: CB, FK, RA.
Parupeneus indicus (Shaw, 1803): FK, RA; Cuvier and Valenciennes, 1829: 466, as *Upeneus vaigiensis* Cuvier, 1829 (Waigeo); [USNM].
Parupeneus multifasciatus (Quoy and Gaimard, 1825)*: CB, FK, RA.
Parupeneus pleurostigma (Bennett, 1831)*: FK, RA.
Upeneus luzonius Jordan and Seale, 1907*: FK.
Upeneus sulphureus Cuvier, 1829: RA; Bleeker, 1868: 299 (Waigeo).
Upeneus sundaicus (Bleeker, 1855)*: RA; [WAM].
Upeneus tragula Richardson, 1846: CB, FK, RA; Bleeker, 1868: 299 (Waigeo).

Pempheridae
Parapriacanthus ransonneti Steindachner, 1870*: CB, FK, RA.
Pempheris mangula Cuvier, 1829*: FK, RA.
Pempheris oualensis Cuvier, 1831*: CB, FK; [UNIPA].
Pempheris vanicolensis Cuvier, 1831*: CB, FK, RA.

Toxotidae
Toxotes jaculatrix (Pallas, 1767): CB, RA; Günther, 1873: 410 (Misool).

Kyphosidae
Kyphosus bigibbus Lacepède, 1801*: RA.
Kyphosus cinerascens (Forsskål, 1775)*: CB, FK, RA.
Kyphosus vaigiensis (Quoy and Gaimard, 1825): CB, FK, RA; Bleeker, 1868: 296 (Waigeo).

Monodactylidae
Monodactylus argenteus (Linnaeus, 1758): FK, RA; Weber and de Beaufort, 1936: 207 (Misool); [USNM].

Chaetodontidae
Chaetodon adiergastos Seale, 1910*: CB, FK, RA.
Chaetodon auriga Forsskål, 1775: CB, FK, RA; de Beaufort, 1913: 19 (Sorong).
Chaetodon baronessa Cuvier, 1829*: CB, FK, RA; [UNIPA].
Chaetodon bennetti Cuvier, 1831: CB, FK, RA; Günther, 1873: 410 (Misool).
Chaetodon burgessi Allen and Starck, 1973*: CB, RA; [UNIPA, WAM].
Chaetodon citrinellus Cuvier, 1831*: CB, FK, RA; [UNIPA].
Chaetodon ephippium Cuvier, 1831: CB, FK, RA; Bleeker, 1877: 36 (Doreh).
Chaetodon kleinii Bloch, 1790: CB, FK, RA; Bleeker, 1859, as *Chaetodon virescens* Cuvier, 1831 (Doreh); [UNIPA].
Chaetodon lineolatus Cuvier, 1831*: CB, FK, RA.
Chaetodon lunula (Lacepède, 1802)*: CB, FK, RA.
Chaetodon lunulatus Quoy and Gaimard, 1825: CB, FK, RA; Bleeker, 1859: 2, as *Chaetodon trifasciatus* (non Park, 1797) (Doreh); [UNIPA, USNM].

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Chaetodon melannotus Bloch and Schneider, 1801: CB, FK, RA; Weber and de Beaufort, 1936: 87 (Misool).
Chaetodon mertensii Cuvier, 1831*: CB, FK, RA; [UNIPA].
Chaetodon meyeri Bloch and Schneider, 1801: CB, FK, RA; Bleeker, 1859: 2 (Doreh).
Chaetodon ocellicaudus Cuvier, 1831*: CB, FK, RA; [UNIPA].
Chaetodon octofasciatus Bloch, 1787: CB, FK, RA; Günther, 1873: 410 (Misool); [UNIPA, USNM].
Chaetodon ornatissimus Cuvier, 1831: CB, FK, RA; Bleeker, 1859: 4 (Doreh); [UNIPA].
Chaetodon oxycephalus Bleeker, 1853*: CB, FK, RA.
Chaetodon punctatofasciatus Cuvier, 1831: CB, FK, RA; Günther, 1873: 410 (Misool); [UNIPA].
Chaetodon rafflesii Bennett, 1830: CB, FK, RA; Bleeker, 1859: 4, as *Chaetodon princeps* Cuvier, 1831 (Doreh).
Chaetodon selene Bleeker, 1853*: FK, RA.
Chaetodon semeion Bleeker, 1855*: CB, FK, RA.
Chaetodon speculum Cuvier, 1831*: CB, FK, RA.
Chaetodon trifascialis Quoy and Gaimard, 1825*: CB, FK, RA.
Chaetodon ulietensis Cuvier, 1831: CB, FK, RA; Bleeker, 1859: 4 (Doreh); [UNIPA].
Chaetodon unimaculatus Bloch, 1787*: CB, RA.
Chaetodon vagabundus Linnaeus, 1758: CB, FK, RA; de Beaufort, 1913: 124 (Sorong); [UNIPA].
Chelmon rostratus (Linnaeus, 1758): FK, RA; de Beaufort, 1913: 125 (Sorong).
Chelmon muelleri Klunzinger, 1879.*: FK; [WAM].
Coradion altivelis McCulloch, 1916*: RA.
Coradion chrysozonus (Cuvier, 1831)*: CB, FK, RA.
Coradion melanopus (Cuvier, 1831)*: CB, FK.
Forcipiger flavissimus Jordan and McGregor, 1898*: CB, FK, RA; [UNIPA].
Forcipiger longirostris (Broussonet, 1782): CB, FK, RA; Ahl, 1923: 8 (Misool).
Hemitaurichthys polylepis (Bleeker, 1857)*: CB, FK, RA; [UNIPA].
Heniochus acuminatus (Linnaeus, 1758): FK, RA; Bleeker, 1859: 4, as *Heniochus macrolepidotus* (Linneaeus, 1758) (Doreh).
Heniochus chrysostomus Cuvier, 1831*: CB, FK, RA; [UNIPA].
Heniochus diphreutes Jordan, 1903*: CB, FK, RA.
Heniochus monoceros Cuvier, 1831*: RA.
Heniochus singularius Smith and Radcliffe, 1911*: CB, FK, RA.
Heniochus varius (Cuvier, 1829): CB, FK, RA; Günther, 1873: 410 (Misool); [UNIPA].
Parachaetodon ocellatus (Cuvier, 1831): CB, FK, RA; Bleeker, 1868: 4, as *Tetragonoptrus oligacanthus* Bleeker, 1850 (Waigeo); [UNIPA].

Pomacanthidae

Apolemichthys trimaculatus (Cuvier, 1831): CB, FK, RA; Bleeker, 1859: 2 (Doreh); [UNIPA].
Centropyge bicolor (Bloch, 1787): CB, FK, RA; Bleeker, 1859: 3 (Doreh); [UNIPA].
Centropyge bispinosa (Günther, 1860)*: CB, FK, RA; [UNIPA].
Centropyge flavicauda Fraser-Brunner, 1933*: CB, FK, RA.
Centropyge nox (Bleeker, 1853)*: CB, FK, RA; [UNIPA].
Centropyge tibicen (Cuvier, 1831): CB, FK, RA; Günther, 1873: 410 (Misool); [WAM].
Centropyge vrolikii (Bleeker, 1853)*: CB, FK, RA; [USNM].
Chaetodontoplus dimidatus (Bleeker, 1860): FK, RA; Günther, 1873: 410 (Misool).
Chaetodontoplus mesoleucus (Bloch, 1787) (yellow tail)*: FK, RA; Randall and Rocha, 2009: 518 (Waigeo).
Chaetodontoplus poliourus Randall and Rocha, 2009*: CB, FK, RA; Randall and Rocha, 2009: 514 (Batanta); [UNIPA].
Genicanthus bellus Randall, 1975*: CB, RA; [WAM].
Genicanthus lamarck (Lacepède, 1802): CB, FK, RA; Günther, 1873: 410 (Misool).
Genicanthus melanospilos (Bleeker, 1857)*: CB, RA; [UNIPA].
Paracentropyge multifasciata (Smith and Radcliffe, 1911)*: CB, FK, RA; [UNIPA].
Pomacanthus annularis (Bloch, 1787)*: CB, RA.
Pomacanthus imperator (Bloch, 1787): CB, FK, RA; Bleeker, 1868: 300, as *Holacanthus nicobarensis* (Bloch and Schneider, 1801) (Waigeo); [UNIPA].
Pomacanthus navarchus (Cuvier, 1831): CB, FK, RA; Günther, 1873: 410 (Misool); [UNIPA].

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Pomacanthus semicirculatus (Cuvier, 1831): FK, RA; Cuvier and Valenciennes, 1831: 191 (Waigeo).
Pomacanthus sexstriatus (Cuvier, 1831)* CB, FK, RA; [WAM].
Pomacanthus xanthometopon (Bleeker, 1853): CB, FK, RA; Bleeker, 1868: 300 (Waigeo); [UNIPA].
Pygoplites diacanthus (Boddaert, 1772): CB, FK, RA; Cuvier and Valenciennes, 1831: 184, as *Holacanthus dux* (Gmelin, 1789) (Doreh); [UNIPA].

Pomacentridae
Abudefduf bengalensis (Bloch, 1787)*: FK, RA; [USNM].
Abudefduf lorenzi Hensley and Allen, 1977*: CB, FK, RA.
Abudefduf notatus (Day, 1870)*: FK, RA.
Abudefduf septemfasciatus (Cuvier, 1830)*: FK, RA.
Abudefduf sexfasciatus (Lacepède, 1801): CB, FK, RA; de Beaufort, 1913: 128, as *Abudefduf saxatilis coelestinus* (Cuvier, 1830) (Saonek).
Abudefduf sordidus (Forsskål, 1775)*: FK, RA.
Abudefduf vaigiensis (Quoy and Gaimard, 1825): CB, FK, RA; Quoy and Gaimard, 1825: 391 (Waigeo).
Acanthochromis polyacanthus (Bleeker, 1855)*: CB, RA; [USNM].
Amblyglyphidodon aureus (Cuvier, 1830)*: CB, FK, RA; [UNIPA].
Amblyglyphidodon batunai Allen, 1995*: CB, FK, RA.
Amblyglyphidodon curacao (Bloch, 1787): CB, FK, RA; de Beaufort, 1940: 414 (Misool); [USNM, WAM].
Amblyglyphidodon leucogaster (Bleeker, 1847)*: CB, FK, RA; [UNIPA].
Amblyglyphidodon ternatensis (Bleeker, 1853)*: FK, RA.
Amblypomacentrus breviceps (Schlegel and Müller, 1839-44)*: CB, FK, RA.
Amblypomacentrus clarus Allen and Adrim, 2000:* RA; [WAM].
Amphiprion chrysopterus Cuvier, 1830: CB, RA; de Beaufort, 1940: 338, as *Amphiprion bicinctus* Rüppell, 1830 (Manokwari); [USNM].
Amphiprion clarkii (Bennett, 1830): CB, FK, RA; Bleeker, 1859: 3, as *Amphiprion chrysargyrus* Richardson, 1846 (Doreh); [UNIPA, WAM].
Amphiprion leucokranos Allen, 1973*: CB, RA.
Amphiprion melanopus Bleeker, 1852: CB, FK, RA; Bleeker, 1868: 281 (Doreh); [UNIPA].
Amphiprion ocellaris Cuvier, 1830*: FK, RA; [WAM].
Amphiprion percula (Lacepède, 1802): CB; Lesson, 1830: 192, as *Amphiprion tunicatus* Cuvier, 1830) (Doreh); [UNIPA].
Amphiprion perideraion Bleeker, 1855: CB, FK, RA; Bleeker, 1859: 3, 16, as *Amphiprion rosenbergii* (Doreh).
Amphiprion polymnus (Linnaeus, 1758): FK, RA; Fowler, 1939: 88, as *Amphiprion bifasciatus* (Bloch, 1792) (Salawati).
Amphiprion sandaracinos Allen, 1972*: CB, FK, RA.
Cheiloprion labiatus (Day, 1877)*: FK, RA.
Chromis alpha Randall, 1988*: CB, FK, RA; [UNIPA, WAM].
Chromis amboinensis (Bleeker, 1871)*: CB, FK, RA; [UNIPA].
Chromis analis (Cuvier, 1830)*: CB, FK, RA; [UNIPA].
Chromis athena Allen and Erdmann, 2008: RA; Allen and Erdmann, 2008h: 204 (Fam Group, Raja Ampat Islands); [NCIP, WAM].
Chromis atripectoralis Welander and Schultz, 1951*: CB, FK, RA; [UNIPA].
Chromis atripes Fowler and Bean, 1928*: CB, FK, RA; [USNM].
Chromis brevirostris Pyle, Earle and Greene, 2008*: CB; [WAM].
Chromis caudalis Randall, 1988*: CB, FK, RA.
Chromis cinerascens (Cuvier, 1830)*: FK, RA.
Chromis delta Randall, 1988*: CB, FK, RA; [UNIPA, USNM].
Chromis earina Pyle, Earle and Greene, 2008*: RA; [WAM].
Chromis elerae Fowler and Bean, 1928*: CB, FK, RA; [USNM, WAM].
Chromis lepidolepis Bleeker, 1877*: CB, FK, RA; [UNIPA, USNM].
Chromis lineata Fowler and Bean, 1928*: CB, FK, RA; [USNM].
Chromis margaritifer Fowler, 1946*: CB, FK, RA; [USNM].
Chromis retrofasciata Weber, 1913*: CB. FK, RA; [UNIPA, USNM].
Chromis scotochiloptera Fowler, 1918*: FK, RA; [USNM].

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Chromis ternatensis (Bleeker, 1856): CB, FK, RA; Bleeker, 1859: 4 (Doreh); [USNM].
Chromis unipa Allen and Erdmann, 2009: CB; Allen and Erdmann, 2009c: 130 (Cenderawasih Bay); [NCIP, WAM].
Chromis viridis (Cuvier, 1830)*: CB, FK, RA; [USNM].
Chromis weberi Fowler and Bean, 1928*: CB, FK, RA; [USNM].
Chromis xanthochira (Bleeker, 1851)*: CB, FK, RA.
Chromis xanthura (Bleeker, 1854)*: CB, FK, RA.
Chrysiptera biocellata (Quoy and Gaimard, 1825): CB, FK, RA; Bleeker, 1859: 4, as *Glyphisodon antjerius* Cuvier, 1830 (Doreh).
Chrysiptera bleekeri (Fowler and Bean, 1928)*: FK, RA.
Chrysiptera brownriggii (Bennett, 1828)*: CB, FK, RA; [USNM].
Chrysiptera caeruleolineata (Allen, 1973)*: CB, FK, RA.
Chrysiptera cyanea (Quoy and Gaimard, 1825)*: CB, FK, RA.
Chrysiptera giti Allen and Erdmann, 2008: FK; Allen and Erdmann, 2008f: 173 (Fak Fak Peninsula); [NCIP, USNM, WAM].
Chrysiptera glauca (Cuvier, 1830): CB; Bleeker, 1859: 4, as *Glyphisodon modestus* Schlegel and Müller, 1839 (Doreh).
Chrysiptera hemicyanea (Weber, 1913)*: FK, RA; [WAM].
Chrysiptera oxycephala (Bleeker, 1877): CB, FK, RA; [UNIPA, USNM, WAM].
Chrysiptera pricei Allen and Adrim, 1992: CB; Allen and Adrim, 1992: 103: (Yapen); [NCIP, UNIPA, WAM].
Chrysiptera rex (Snyder, 1909)*: CB, FK, RA; [USNM, WAM].
Chrysiptera rollandi (Whitley, 1961)*: CB, FK, RA; [USNM, WAM].
Chrysiptera sp. (*arnazae*, Allen and Erdmann, in preparation)*: CB, RA; [NCIP, WAM, USNM].
Chrysiptera springeri (Allen and Lubbock, 1976)*: FK, RA; [WAM].
Chrysiptera talboti (Allen, 1975)*: CB, FK, RA; [USNM, WAM].
Chrysiptera unimaculata (Cuvier, 1830): CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh); [WAM].
Dascyllus aruanus (Linnaeus, 1758): CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh); [UNIPA, USNM].
Dascyllus melanurus Bleeker, 1854: CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh).
Dascyllus reticulatus (Richardson, 1846): CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh); [UNIPA].
Dascyllus trimaculatus (Rüppell, 1829): CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh); [UNIPA, USNM].
Dischistodus chrysopoecilus (Schlegel and Müller, 1839)*: CB, FK, RA.
Dischistodus fasciatus (Cuvier, 1830): FK, RA; de Beaufort, 1913: 127 (Saonek); [USNM].
Dischistodus melanotus (Bleeker, 1858)*: CB, FK, RA.
Dischistodus perspicillatus (Cuvier, 1830)*: CB, FK, RA; [UNIPA].
Dischistodus prosopotaenia (Bleeker, 1852): CB, FK, RA; Fowler, 1939: 83 (Sorong).
Dischistodus pseudochrysopoecilus (Allen and Robertson, 1974)*: CB, FK, RA.
Hemiglyphidodon plagiometopon (Bleeker, 1852): CB, FK, RA; de Beaufort, 1913: 128 (Saonek).
Lepidozygus tapeinosoma (Bleeker, 1856)*: CB, FK, RA.
Neoglyphidodon crossi Allen, 1991*: CB, FK, RA.
Neoglyphidodon melas (Cuvier, 1830): CB, FK, RA; de Beaufort, 1913: 128 (Saonek); [WAM].
Neoglyphidodon nigroris (Cuvier, 1830)*: CB, FK, RA; [WAM].
Neoglyphidodon oxyodon (Bleeker, 1858)*: FK, RA.
Neoglyphidodon thoracotaeniatus (Fowler and Bean, 1928)*: CB, FK, RA.
Neopomacentrus azysron (Bleeker, 1877)*: CB, FK, RA.
Neopomacentrus bankieri (Richardson, 1846)*: FK, RA.
Neopomacentrus cyanomos (Bleeker, 1856)*: CB, FK, RA; [WAM].
Neopomacentrus filamentosus (Macleay, 1882)*: CB, FK, RA.
Neopomacentrus nemurus (Bleeker, 1857)*: CB, FK, RA.
Neopomacentrus taeniurus (Bleeker, 1856)*: FK, RA; [USNM, WAM].
Neopomacentrus violascens (Bleeker, 1848)*: CB, FK, RA; [WAM].

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Plectroglyphidodon dickii (Liénard, 1839)*: CB, FK, RA; [USNM].
Plectroglyphidodon lacrymatus (Quoy and Gaimard, 1825): CB, FK, RA; Bleeker, 1859: 4 (Doreh); [UNIPA, USNM].
Plectroglyphidodon leucozonus (Bleeker, 1859)*: CB, FK, RA.
Pomacentrus adelus Allen, 1991*: CB, FK, RA; [USNM, WAM].
Pomacentrus albimaculus Allen, 1975*: CB.
Pomacentrus amboinensis Bleeker, 1868*: CB, FK, RA; [UNIPA].
Pomacentrus auriventris Allen, 1991*: CB, FK, RA.
Pomacentrus bankanensis Bleeker, 1853*: CB, FK, RA; [USNM].
Pomacentrus brachialis Cuvier, 1830: CB, FK, RA; Bleeker, 1859: 3, 4, as *Pomacentrus melanopterus* Bleeker, 1852 (Doreh); [UNIPA, USNM, WAM].
Pomacentrus burroughi Fowler, 1918*: CB, RA; [WAM].
Pomacentrus chrysurus Cuvier, 1830*: FK, RA; [WAM].
Pomacentrus coelestis Jordan and Starks, 1901*: CB, FK, RA; [USNM, WAM].
Pomacentrus fakfakensis Allen and Erdmann, 2009a: FK; Allen and Erdmann, 2009: 123 (Karawatu Island, Fakfak Peninsula); [NCIP, WAM].
Pomacentrus cuneatus Allen, 1991*: FK, RA; [WAM].
Pomacentrus grammorhynchus Fowler, 1918*: CB, RA; [USNM].
Pomacentrus lepidogenys Fowler and Bean, 1928*: CB, FK, RA; [USNM].
Pomacentrus littoralis Cuvier, 1830: CB, FK, RA; Cuvier and Valenciennes, 1830, as *Pomacentrus emarginatus* Cuvier, 1829 (Waigeo); [WAM].
Pomacentrus moluccensis Bleeker, 1853: CB, FK, RA; Bleeker, 1859: 3, 4 (Waigeo); [USNM, WAM].
Pomacentrus nagasakiensis Tanaka, 1917*: CB, FK, RA.
Pomacentrus nigromanus Weber, 1913*: CB, FK, RA; [UNIPA, USNM].
Pomacentrus nigromarginatus Allen, 1973*: CB, FK, RA; [UNIPA].
Pomacentrus opisthostigma Fowler, 1918*: FK, RA; [USNM, WAM].
Pomacentrus pavo (Bloch, 1787): FK, RA; Bleeker, 1859: 3, 4 (Doreh).
Pomacentrus philippinus Evermann and Seale, 1907*: CB, FK, RA; [WAM].
Pomacentrus reidi Fowler and Bean, 1928*: CB, FK, RA; [UNIPA].
Pomacentrus simsiang Bleeker, 1856*: CB, FK, RA.
Pomacentrus smithi Fowler and Bean, 1928*: CB, FK, RA; [UNIPA].
Pomacentrus taeniometopon Bleeker, 1852*: CB, RA; [WAM].
Pomacentrus tripunctatus Cuvier, 1830: CB, FK, RA; Bleeker, 1877: 60, as *Pomacentrus trilineatus* non Cuvier, 1830 (Waigeo).
Pomacentrus vaiuli Jordan and Seale, 1906*: CB, FK, RA; [USNM].
Premnas biaculeatus (Bloch, 1790): CB FK, RA; Bleeker, 1868: 299 (Waigeo); [USNM, WAM].
Pristotis obtusirostris (Günther, 1862)*: FK, RA; [WAM].
Stegastes albifasciatus (Schlegel and Müller, 1839)*: CB, FK, RA.
Stegastes fasciolatus (Ogilby, 1889)*: CB, RA; [WAM].
Stegastes lividus (Forster, 1801)*: CB, FK, RA.
Stegastes nigricans (Lacepède, 1802)*: CB, RA.
Stegastes obreptus (Whitley, 1948)*: FK, RA.

Labridae

Anampses caeruleopunctatus Rüppell, 1829: CB, FK, RA; Günther, 1873: 411, as *Anampses diadematus* Rüppell, 1835 (Misool).
Anampses geographicus Valenciennes, 1840: FK, RA; Günther, 1873: 411 (Misool).
Anampses melanurus Bleeker, 1857*: CB, FK, RA.
Anampses meleagrides Valenciennes, 1840*: CB, FK, RA.
Anampses neoguinaicus Bleeker, 1878*: CB, RA.
Anampses twistii Bleeker, 1856*: CB, FK, RA.
Bodianus anthioides (Bennett, 1832): CB, RA; de Beaufort, 1940: 46 (Misool).
Bodianus axillaris (Bennett, 1832)*: RA.
Bodianus bilunulatus (Lacepède, 1801): FK, RA; Günther, 1881: 240 (Misool).
Bodianus bimaculatus Allen, 1973*: FK, RA; [WAM].
Bodianus diana (Lacepède, 1801)*: CB, FK, RA; [UNIPA].

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Bodianus mesothorax (Bloch and Schneider, 1801)*: CB, FK, RA.

Bodianus sp. (*cf. izuensis*)*: RA; [WAM].
Cheilinus chlorourus (Bloch, 1791): CB, FK, RA; de Beaufort, 1913: 129 (Saonek).
Cheilinus fasciatus (Bloch, 1791): CB, FK, RA; Bleeker, 1859: 3 (Doreh);
[UNIPA].
Cheilinus oxycephalus Bleeker, 1853*: CB, FK, RA; [UNIPA].
Cheilinus trilobatus Lacepède, 1801*: CB, FK, RA.
Cheilinus undulatus Rüppell, 1835*: CB, FK, RA.
Cheilio inermis (Forsskål, 1775): CB, FK, RA; Bleeker, 1868: 299 (Waigeo).
Choerodon anchorago (Bloch, 1791)*: CB, FK, RA.
Choerodon jordani (Snyder, 1908)*: FK, RA.
Choerodon monostigma Ogilby, 1910*: FK; [WAM].
Choerodon schoenleinii (Valenciennes, 1839)*: FK, RA.
Choerodon zamboangae (Seale and Bean, 1907)*: FK, RA; [WAM].
Choerodon zosterophorus (Bleeker, 1868): CB, FK, RA; de Beaufort, 1940: 36 (Misool).
Cirrhilabrus cenderawasih Allen and Erdmann, 2006: CB; Allen and Erdmann, 2006a: 126 (Cenderawasih Bay); [NCIP, UNIPA, WAM].
Cirrhilabrus condei Allen and Randall, 1996*: RA; [WAM].
Cirrhilabrus exquisitus Smith, 1957*: CB, FK, RA.
Cirrhilabrus flavidorsalis Randall and Carpenter, 1980*: FK, RA; [WAM].
Cirrhilabrus lyukyuensis Ishikawa, 1904: CB, FK, RA; Bleeker, 1859: 3, as *Cirrhilabrus solorensis* non Bleeker, 1853 (Doreh); [USNM].
Cirrhilabrus lubbocki Randall and Carpenter, 1980*: FK, RA; [WAM].
Cirrhilabrus pylei Allen and Randall, 1996*: FK, RA.
Cirrhilabrus tonozukai Allen and Kuiter, 1999*: FK, RA; [WAM].
Coris batuensis (Bleeker, 1856-57)*: CB, FK, RA.
Coris dorsomacula Fowler, 1908*: FK, RA.
Coris gaimard (Quoy and Gaimard, 1824): CB, FK, RA; de Beaufort, 1940: 242 (Misool).
Coris pictoides Randall and Kuiter, 1982*: FK, RA.
Cymolutes torquatus (Valenciennes, 1840)*: CB, RA.
Diproctacanthus xanthurus (Bleeker, 1856)*: CB, FK, RA.
Epibulus brevis Carlson, Randall and Dawson, 2008*: CB, FK; [UNIPA].
Epibulus insidiator (Pallas, 1770)*: CB, FK, RA.
Gomphosus varius Lacepède, 1801*: CB, FK, RA.
Halichoeres argus (Bloch and Schneider, 1801)*: CB, FK, RA.
Halichoeres bicolor (Bloch and Schneider, 1801): RA; de Beaufort, 1913: 131 (Majalibit Bay); [WAM].
Halichoeres binotopsis (Bleeker, 1849): CB, FK, RA; de Beaufort, 1913: 131 (Saonek).
Halichoeres biocellatus Schultz, 1960*: CB, FK, RA.
Halichoeres chloropterus (Bloch, 1791): CB, FK, RA; de Beaufort, 1913: 131 (Saonek).
Halichoeres chrysus Randall, 1981*: CB, FK, RA; [UNIPA].
Halichoeres hartzfeldii Bleeker, 1852*: CB, FK, RA; [WAM].
Halichoeres hortulanus (Lacepède, 1801): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Halichoeres javanicus (Bleeker, 1857)*: FK; [WAM].
Halichoeres leucurus (Walbaum, 1792)*: CB, FK, RA; [UNIPA].
Halichoeres margaritaceus (Valenciennes, 1839)*: CB. FK, RA.
Halichoeres marginatus Rüppell, 1835: CB, FK, RA; Günther, 1873: 411 (Misool).
Halichoeres melanochir Fowler and Bean, 1928*: RA.
Halichoeres melanurus (Bleeker, 1851): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Halichoeres melasmapomus Randall, 1980*: CB, FK, RA; [UNIPA].
Halichoeres miniatus (Valenciennes, 1839)*: FK, RA.
Halichoeres nebulosus (Valenciennes, 1839)*: CB, FK, RA.
Halichoeres nigrescens (Bloch and Schneider, 1801)*: FK, RA; [WAM].
Halichoeres pallidus Kuiter and Randall, 1995*: RA.

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Halichoeres papilionaceus (Valenciennes, 1839): CB, FK, RA; de Beaufort, 1913: 130, as *Platyglossus schwarzii* (Bleeker, 1847) (Saonek); [WAM].
Halichoeres podostigma (Bleeker, 1854)*: CB, FK, RA.
Halichoeres prosopeion (Bleeker, 1853)*: CB, FK, RA; [UNIPA].
Halichoeres richmondi Fowler and Bean, 1928*: CB, FK, RA.
Halichoeres rubricephalus Kuiter and Randall, 1995*: CB, FK, RA.
Halichoeres scapularis (Bennett, 1832): CB, FK, RA; Günther, 1873: 411 (Misool).
Halichoeres solorensis (Bleeker, 1853)*: FK, RA.
Halichoeres timorensis (Bleeker, 1852): RA; de Beaufort, 1913: 131, as *Platyglossus kawarin* Bleeker, 1852 (Saonek).
Halichoeres trimaculatus (Quoy and Gaimard, 1834): CB, FK, RA; Bleeker, 1859: 3, as *Julis (Halichoeres) spilurus* Bleeker, 1851 (Doreh).
Hemigymnus fasciatus (Bloch, 1792)*: CB, FK, RA.
Hemigymnus melapterus (Bloch, 1791): CB, FK, RA; de Beaufort, 1940: 145 (Manokwari).
Hologymnosus annulatus (Lacepède, 1801)*: CB, FK, RA.
Hologymnosus doliatus (Lacepède, 1801)*: CB, FK, RA.
Hologymnosus rhodonotus Randall and Yamakawa, 1988*: RA.
Inistius aneitensis (Günther, 1862)*: FK; [WAM].
Iniistius pavo Valenciennes, 1840: FK, RA; Bleeker, 1859: 4 (Doreh).
Iniistius spilonotus (Bleeker, 1857)*: RA; [WAM].
Iniistius twistii (Bleeker, 1856)*: RA.
Labrichthys unilineatus (Guichenot, 1847)*: CB, FK, RA.
Labroides bicolor Fowler and Bean, 1928*: CB, FK, RA.
Labroides dimidiatus (Valenciennes, 1839): CB, FK, RA; Bleeker, 1868: 296, as *Labroides paradiseus* Bleeker, 1851 (Waigeo); [USNM].
Labroides pectoralis Randall and Springer, 1975*: CB, FK, RA.
Labropsis alleni Randall, 1981*: CB, RA.
Labropsis manabei Schmidt, 1931*: CB, RA.
Leptojulis cyanopleura (Bleeker, 1853)*: CB, FK, RA; [WAM].
Leptojulis sp. (*cf. chrysotaenia*)*: FK.
Macropharyngodon meleagris (Valenciennes, 1839)*: CB, FK, RA.
Macropharyngodon negrosensis Herre, 1932*: CB, FK, RA.
Novaculichthys taeniourus (Lacepède, 1801)*: CB, FK, RA.
Novaculoides macrolepidotus (Bloch, 1791): RA; Quoy and Gaimard, 1824: 271, as *Julis taenianotus* Quoy and Gaimard, 1824 (Waigeo); [WAM].
Oxycheilinus arenatus (Valenciennes, 1840)*: CB, RA.
Oxycheilinus bimaculatus (Valenciennes, 1840)*: CB, FK, RA; [UNIPA].
Oxycheilinus celebicus (Bleeker, 1853): CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh); [UNIPA].
Oxycheilinus digramma (Lacepède, 1801): CB, FK, RA; Bleeker, 1859: 3, as *Cheilinus radiatus* Valenciennes, 1840 (Doreh).
Oxycheilinus orientalis (Günther, 1862)*: CB, RA.
Oxycheilinus sp.*: CB, FK, RA.
Oxycheilinus unifasciatus (Streets, 1877)*: CB, RA.
Paracheilinus cyaneus Kuiter and Allen, 1999*: CB, FK, RA; [WAM].
Paracheilinus filamentosus Allen, 1974*: CB, FK, RA; [UNIPA].
Paracheilinus flavianalis Kuiter and Allen, 1999*: FK; [WAM].
Paracheilinus nursalim Allen and Erdmann, 2008: FK, RA; Allen and Erdmann, 2008g: 181 (Triton Bay); [NCIP, USNM, WAM].
Paracheilinus walton Allen and Erdmann, 2006: CB; Allen and Erdmann, 2006b: 14 (Cenderawasih Bay); [NCIP, UNIPA, WAM].
Pseudocheilinops ataenia Schultz, 1960*: CB, FK, RA.
Pseudocheilinus evanidus Jordan and Evermann, 1903*: CB, FK, RA; [UNIPA].
Pseudocheilinus hexataenia (Bleeker, 1857): CB, FK, RA; Bleeker, 1859: 4 (Doreh); [UNIPA, USNM, WAM].
Pseudocheilinus octotaenia Jenkins, 1901*: CB, FK, RA.
Pseudocoris heteroptera (Bleeker, 1857)*: CB, FK, RA.
Pseudocoris philippina (Fowler and Bean, 1928)*: CB, FK, RA.
Pseudocoris yamashiroi (Schmidt, 1931)*: CB, RA.

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Pseudodax moluccanus (Valenciennes, 1840)*: CB, FK, RA.
Pseudojuloides cerasinus (Snyder, 1904)*: FK; [WAM].
Pseudojuloides kaleidos Kuiter and Randall, 1995*: RA; [WAM].
Pseudojuloides mesostigma Randall and Randall, 1981*: FK.
Pseudojuloides severnsi Bellwood and Randall, 2000*: FK.
Pteragogus cryptus Randall, 1981*: CB, RA.
Pteragogus enneacanthus (Bleeker, 1853)*: CB, RA.
Stethojulis bandanensis (Bleeker, 1851)*: CB, FK, RA; [USNM].
Stethojulis interrupta (Bleeker, 1851)*: CB, FK, RA.
Stethojulis strigiventer (Bennett, 1832)*: CB, FK, RA.
Stethojulis trilineata (Bloch and Schneider, 1801): CB, FK, RA; Günther, 1873: 411 (Misool).
Thalassoma amblycephalum (Bleeker, 1856): CB, FK, RA; Bleeker, 1859: 4, as *Julis melanochir* Bleeker, 1857 (Doreh); [UNIPA, USNM].
Thalassoma hardwicke (Bennett, 1830): CB, FK, RA; Bleeker, 1859: 3, as *Julis dorsalis* Quoy and Gaimard, 1834 (Doreh).
Thalassoma jansenii (Bleeker, 1856)*: CB, FK, RA.
Thalassoma lunare (Linnaeus, 1758): CB, FK, RA; Bleeker, 1859: 3, 4 (Doreh).
Thalassoma purpureum (Forsskål, 1775)*: FK, RA.
Thalassoma quinquevittatum (Lay and Bennett, 1839)*: CB, RA.
Wetmorella albofasciata Schultz and Marshall, 1954*: CB, RA; [UNIPA, WAM].
Wetmorella nigropinnata (Seale, 1901)*: CB, RA.
Xyrichtys halsteadi Randall and Lobel, 2003*: RA.

Scaridae
Bolbometopon muricatum (Valenciennes, 1840)*: CB, FK, RA.
Calotomus carolinus (Valenciennes, 1840)*: CB, FK, RA.
Calotomus spinidens (Quoy and Gaimard, 1824): RA; Quoy and Gaimard, 1824: 289 (Waigeo).
Cetoscarus ocellatus (Valenciennes, 1840)*: CB, FK, RA.
Chlorurus bleekeri (de Beaufort, 1940)*: CB, FK, RA; [UNIPA].
Chlorurus bowersi (Snyder, 1909)*: FK, RA.
Chlorurus japanensis (Bloch, 1789)*: CB, FK, RA.
Chlorurus microrhinos (Bleeker, 1854)*: CB, FK, RA; [UNIPA].
Chlorurus sordidus (Forsskål, 1775): CB, FK, RA; Bleeker, 1859: 5, as *Scarus sumbawensis* Bleeker, 1848 (Doreh).
Hipposcarus longiceps (Valenciennes, 1840): CB, FK, RA; Cuvier and Valenciennes, 1839: 241 (Waigeo).
Leptoscarus vaigiensis (Quoy and Gaimard, 1824): RA; Quoy and Gaimard, 1824: 288 (Waigeo).
Scarus chameleon Choat and Randall, 1986)*: CB, FK, RA.
Scarus dimidiatus Bleeker, 1859: CB, FK, RA; Bleeker, 1859: 5, 17 (Doreh).
Scarus flavipectoralis Schultz, 1958*: CB, FK, RA; [UNIPA].
Scarus forsteni (Bleeker, 1861)*: CB, FK, RA.
Scarus frenatus Lacepède, 1802: CB, FK, RA; Bleeker, 1859: 3, 5 (Doreh).
Scarus ghobban Forsskål, 1775*: CB, FK, RA.
Scarus globiceps Valenciennes, 1840*: RA.
Scarus hypselopterus Bleeker, 1853*: RA.
Scarus niger Forsskål, 1775*: CB, FK, RA.
Scarus oviceps Valenciennes, 1840*: CB, FK, RA.
Scarus prasiognathos Valenciennes, 1840*: CB, FK, RA.
Scarus psittacus Forsskål, 1775*: CB, FK, RA.
Scarus quoyi Valenciennes, 1840*: CB, FK, RA; [UNIPA].
Scarus rivulatus Valenciennes, 1840*: CB, FK, RA.
Scarus rubroviolaceus Bleeker, 1847*: CB, FK, RA.
Scarus schlegeli (Bleeker, 1861)*: CB, FK, RA.
Scarus spinus (Kner, 1868)*: CB, FK, RA.
Scarus tricolor Bleeker, 1847*: CB, FK, RA.

Trichonotidae
Trichonotus elegans Shimada and Yoshino, 1984*: FK, RA.
Trichonotus setiger Bloch and Schneider, 1801*: CB, RA.

Cepolidae

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Acanthocepola abbreviata (Valenciennes, 1835)*: CB, FK; [WAM].

Pinguipedidae
Parapercis clathrata Ogilby, 1910*: CB, FK, RA.
Parapercis cylindrica (Bloch, 1792): FK, RA; de Beaufort, 1913: 148 (Saonek); [WAM].
Parapercis diplospilus Gomon, 1981*: FK.
Parapercis hexophtalma (Cuvier, 1829): FK, RA; Bleeker, 1868: 281 (Doreh).
Parapercis lineopunctata Randall, 2003*: CB, FK, RA.
Parapercis millepunctata (Günther, 1860)*: CB, RA.
Parapercis mulitplicata Randall, 1984*: RA.
Parapercis schauinslandii (Steindachner, 1900)*: CB, FK, RA.
Parapercis snyderi Jordan and Starks, 1905*: CB, FK, RA; [WAM].
Parapercis sp.*: FK; [NCIP, WAM].
Parapercis tetracantha (Lacepède, 1801)*: CB, FK, RA.
Parapercis xanthozona (Bleeker, 1849)*: CB, FK, RA.

Pholidichthyidae
Pholidichthys leucotaenia Bleeker, 1856*: CB, FK, RA; [WAM].
Tripterygiidae
Enneapterygius flavoccipitis Shen, 1994*: FK, RA. [WAM].
Enneapterygius mirabilis Fricke, 1994*: CB, RA.
Enneapterygius philippinus (Peters, 1868): RA; Herre, 1935: 434, as *Enneapterygius waigiensis* Herre, 1935 (Majalibit Inlet); [WAM].
Enneapterygius sp.*: FK.
Enneapterygius tutuilae Jordan and Seale, 1906*: FK, RA; [USNM, WAM].
Enneapterygius ziegleri Fricke, 1994*: RA; [WAM].
Helcogramma rhinoceros Hansen, 1986*: CB, FK; [WAM].
Helcogramma striata Hansen, 1986*: CB, FK, RA.
Helcogramma sp.*: CB, RA.
Ucla xenogrammus Holleman, 1993*: CB, FK, RA; [WAM].

Blenniidae
Alticus saliens (Lacepède, 1800): RA, Koumans, 1953: 240 (Pelee, near Misool).
Aspidontus dussumieri (Valenciennes, 1836)*: FK; [WAM].
Aspidontus taeniatus Quoy and Gaimard, 1834*: CB, FK, RA.
Atrosalarias fuscus (Rüppell, 1838)*: CB, FK, RA.
Blenniella bilitonensis (Bleeker, 1858): RA, de Beaufort, 1913: 149 (Saonek).
Blenniella chrysospilos (Bleeker, 1857): FK, RA; Springer and Williams, 1994: 85: Biak; [USNM].
Blenniella interrupta (Bleeker, 1857): RA, de Beaufort, 1913: 149 (Saonek); [USNM].
Blenniella periophthalmus (Valenciennes, 1836)*: FK, RA; [WAM].
Cirripectes auritus Carlson, 1981*: FK, RA.
Cirripectes castaneus (Valenciennes, 1836)*: RA; [USNM].
Cirripectes filamentosus (Alleyne and Macleay, 1877)*: CB, FK, RA.
Cirripectes polyzona (Bleeker, 1868)*: RA.
Cirripectes quagga (Fowler and Ball, 1924)*: RA.
Cirripectes springeri Williams, 1988*: CB; [WAM].
Cirripectes stigmaticus Strasburg and Schultz, 1953*: CB, RA; [USNM].
Crossosalarias macrospilus Smith-Vaniz and Springer, 1971*: RA.
Ecsenius bandanus Springer, 1971: CB, FK, RA; Springer, 1988: 106 (Pulau Adi, Bomberai Peninsula); [UNIPA, USNM, WAM].
Ecsenius bathi Springer, 1988*: FK, RA; [WAM].
Ecsenius bicolor (Day, 1888)*: CB, FK, RA; [UNIPA].
Ecsenius lineatus Klausewitz, 1962*: FK; [WAM].
Ecsenius lividanalis Chapman and Schultz, 1952*: FK, RA; [WAM].
Ecsenius midas Starck, 1969*: FK, RA; [WAM].
Ecsenius monoculus Springer, 1988*: FK; [WAM].
Ecsenius namiyei (Jordan and Evermann, 1902)*: CB, FK, RA; [WAM].
Ecsenius pictus McKinney and Springer, 1976*: CB; [UNIPA].
Ecsenius stigmatura Fowler, 1952*: CB, FK, RA; [USNM, WAM].
Ecsenius trilineatus Springer, 1972*: FK, RA.
Ecsenius yaeyamaensis (Aoyagi, 1954)*: CB, FK, RA; [WAM].
Entomacrodus striatus (Valenciennes, 1836)*: RA.

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Exallias brevis (Kner, 1868)*: CB, FK.
Istiblennius dussumieri (Valenciennes, 1836): RA; de Beaufort, 1913: 149, as *Salarias striatomaculatus* Kner and Steindachner, 1867 (Sorong); [USNM].
Istiblennius edentulus (Forster and Schneider, 1801): RA; Bleeker, 1859: 5, as *Salarias melanocephalus* Bleeker, 1849 (Doreh); [WAM].
Istiblennius lineatus (Valenciennes, 1836): RA; Bleeker, 1859: 5 (Doreh); [WAM].
Istiblennius muelleri (Klunzinger, 1880): RA; Springer and Williams, 1994: 149 Sorong).
Laiphognathus multimaculatus Smith, 1955*: CB, FK, RA; [WAM].
Meiacanthus atrodorsalis (Günther, 1877)*: CB, FK, RA.
Meiacanthus crinitus Smith-Vaniz, 1987*: FK, RA; Smith-Vaniz, 1987: 20 (Batanta) [USNM, WAM].
Meiacanthus ditrema Smith-Vaniz, 1976*: RA.
Meiacanthus grammistes (Valenciennes, 1836)*: CB, FK, RA; [UNIPA, WAM].
Nannosalarias nativitatis (Regan, 1909)*: CB, FK; [WAM].
Omobranchus elongatus (Peters, 1855): RA; Springer, 1981: 700 (Batanta and Samei Island); [USNM].
Omobranchus germaini (Sauvage, 1883): RA; Springer, 1981: 701 (Misool); [USNM].
Omox biporos Springer, 1972: RA; Springer, 1981: 704 (Batanta and Misool); [USNM].
Omox lupus Springer, 1981: FK; Springer, 1981: 704 (Samei Island, Fakfak Peninsula); [USNM].
Paralticus amboinensis (Bleeker, 1857): CB, RA; Bleeker, 1859: 3, 19, as *Salarias goesii* Bleeker, 1859 (Doreh); [USNM].
Petroscirtes breviceps (Valenciennes, 1836)*: FK, RA; [WAM].
Petroscirtes mitratus Rüppell, 1830*: CB, FK, RA; [WAM].
Plagiotremus laudandus (Whitley, 1961)*: CB.
Plagiotremus rhinorhynchos (Bleeker, 1852): CB, FK, RA; de Beaufort and Chapman, 1951: 361 (Misool; Waigeo); [USNM, WAM].
Plagiotremus spilistius Gill, 1865: FK; Smith-Vaniz, 1987: 48 (Pulau Adi, Kaimana regon); ([USNM].
Plagiotremus tapeinosoma (Bleeker, 1857)*: CB, FK, RA.
Praealticus semicrenatus (Chapman, 1951): RA; de Beaufort, 1951: 270 (Waigeo).
Salarias alboguttatus Kner, 1867*: CB, RA; [WAM].
Salarias ceramensis Bleeker, 1862*: FK, RA.
Salarias fasciatus (Bloch, 1786)*: CB, FK, RA.
Salarias guttatus Valenciennes, 1836: CB, RA; de Beaufort and Chapman, 1951: 320 (Waigeo); [UNIPA, USNM].
Salarias patzneri Bath, 1992*: CB, FK, RA.
Salarias ramosus Bath, 1992*: FK, RA.
Salarias segmentatus Bath and Randall, 1991*: CB, FK, RA; [USNM, WAM].
Salarias sibogai Bath, 1992*: RA; [WAM].

Callionymidae
Anaora tentaculata Gray, 1835*: RA.
Callionymus brevianalis Fricke, 1983*: RA; [USNM].
Callionymus enneactis Bleeker, 1879: CB, FK, RA; Herre, 1935: 431, as *Callionymus wilburi* Herre, 1935 (Majalibit Inlet); [USNM, WAM].
Callionymus delicatulus Smith, 1963*: FK, RA.
Callionymus pleurostictus Fricke, 1982*: FK, RA.
Callionymus superbus Fricke, 1983*: RA.
Dactylopus dactylopus (Valenciennes, 1837)*: FK.
Synchiropus morrisoni Schultz, 1960*: CB, FK; [WAM].
Synchiropus moyeri Zaiser and Fricke, 1985*: RA.
Synchiropus ocellatus (Pallas, 1770)*: FK, RA.
Synchiropus picturatus (Peters, 1877): RA; Peters, 1876: 840 (Salawati);
[USNM].
Synchiropus splendidus (Herre, 1927)*: CB, RA.

Eleotridae
Calumia profunda Larson and Hoese, 1980*: FK, RA; [WAM].
Calumia sp.*: CB, FK; [WAM].

Gobiidae
Acentrogobius janthinopterus (Bleeker, 1852)*: RA; [USNM].
Acentrogobius moloanus (Herre, 1927)*: FK, RA; [USNM].
Acentrogobius nebulosus (Forsskål, 1775)*: RA.
Acentrogobius sp.*: CB; [WAM].
Acentrogobius suluensis (Herre, 1927)*: RA; [USNM].
Amblyeleotris arcupinna Mohlmann and Munday, 1999*: FK, RA.

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Amblyeleotris diagonalis Polunin and Lubbock, 1979*: CB, FK, RA.
Amblyeleotris fasciata (Herre, 1953)*: CB, RA.
Amblyeleotris fontanesii (Bleeker, 1852)*: CB, FK, RA.
Amblyeleotris guttata (Fowler, 1938)*: CB, FK, RA.
Amblyeleotris gymnocephala (Bleeker, 1853)*: FK, RA.
Amblyeleotris latifasciata Polunin and Lubbock, 1979*: FK, RA.
Amblyeleotris masuii Aonuma and Yoshino, 1996 *: FK.
Amblyeleotris periophthalma (Bleeker, 1853)*: CB, FK, RA.
Amblyeleotris randalli Hoese and Steene, 1978*: CB, RA; [UNIPA].
Amblyeleotris rubrimarginata Mohlmann and Randall, 2002*: CB, FK, RA.
Amblyeleotris sp.*: FK; [WAM].
Amblyeleotris steinitzi (Klausewitz, 1974)*: CB, FK, RA.
Amblyeleotris wheeleri (Polunin and Lubbock, 1977)*: FK, RA.
Amblyeleotris yanoi Aonuma and Yoshino, 1996*: CB, FK, RA.
Amblygobius buanensis Herre, 1927*: CB, RA.
Amblygobius bynoensis (Richardson, 1844)*: RA.
Amblygobius decussatus (Bleeker, 1855): CB, FK, RA; Koumans, 1940: 153 (Waigeo); [UNIPA, USNM].
Amblygobius esakiae Herre, 1939*: RA.
Amblygobius linki Herre, 1927: RA; Koumans, 1940: 153 (Waigeo).
Amblygobius nocturnus (Herre, 1945)*: CB, FK, RA; [USNM].
Amblygobius phalaena (Valenciennes, 1837): CB, FK, RA; Fowler, 1939: 84, as *Amblygobius semicinctus* (non Bennett, 1833) (Sorong).
Amblygobius sp. (*cf. decussatus/nocturnus*)*: CB; [WAM].
Amblygobius sphynx (Valenciennes, 1837)*: FK.
Amblygobius stethophthalmus (Bleeker, 1851)*: FK.
Ancistrogobius dipus new genus and species Shibukawa, Yoshino and Allen, in preparation*: FK; [WAM].
Ancistrogobius yanoi new genus and species Shibukawa, Yoshino and Allen, in preparation*: CB, FK, RA; [WAM].
Asterropteryx atripes Shibukawa and Suzuki, 2002*: FK.
Asterropteryx bipunctata Allen and Munday, 1995*: CB, FK, RA; [WAM].
Asterropteryx semipunctata Rüppell, 1830*: CB, RA.
Asterropteryx sp.*: FK; [WAM].
Asterropteryx spinosa (Goren, 1981)*: FK, RA; [WAM].
Asterropteryx striata Allen and Munday, 1995*: CB, FK, RA.
Bathygobius cocosensis (Bleeker, 1854)*: RA.
Bathygobius cyclopterus (Valenciennes, 1837): FA; de Beaufort, 1913: 137, as *Gobius variabilis* Steindachner, 1901 (Saonek); [USNM].
Bathygobius fuscus (Rüppell, 1830)*: RA; [USNM].
Bryaninops amplus Larson, 1985*: FK, RA; [WAM].
Bryaninops erythrops (Jordan and Seale, 1906)*: RA [WAM].
Bryaninops loki Larson, 1985*: FK, RA.
Bryaninops natans Larson, 1985*: FK, RA.
Bryaninops tigris Larson, 1985*: RA.
Bryaninops yongei (Davis and Cohen, 1969)*: CB, FK, RA.
Cabillus tongarevae (Fowler, 1927)*: RA; [WAM].
Callogobius clitellus McKinney and Lachner, 1978*: CB, RA; [WAM].
Callogobius flavobrunneus (Smith, 1958)*: CB, RA; [WAM].
Callogobius hasseltii (Bleeker, 1851): RA; Bleeker, 1868: 300 (Waigeo); [USNM, WAM].
Callogobius maculipinnis (Fowler, 1918)*: CB, RA; [WAM].
Callogobius sclateri (Steindachner, 1879)*: RA; [WAM].
Callogobius snelliusi Koumans, 1953*: CB; [WAM].
Callogobius sp. 1 (Fiabacet Reef, SE Misool)*: RA; [WAM].
Callogobius sp. 2 (Fam Islands, Raja Ampat Group)*: RA; [WAM].
Cristatogobius lophius Herre, 1927*: FK; [USNM].
Cryptocentroides insignis (Seale, 1910): RA; de Beaufort, 1912: 136, as *Gobius (Cryptocentrus) stigmatophorus* de Beaufort, 1912 (Waigeo); [WAM].

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Cryptocentrus caeruleomaculatus (Herre, 1933)*: RA; [USNM].
Cryptocentrus cinctus (Herre, 1936)*: CB, FK, RA.
Cryptocentrus cyanotaenia (Bleeker, 1853)*: RA; [WAM].
Cryptocentrus fasciatus (Playfair, 1867)*: CB, FK, RA; [WAM].
Cryptocentrus inexplicatus (Herre, 1934)*: RA.
Cryptocentrus leptocephalus Bleeker, 1876: CB, FK, RA; Herre, 1935: 428, as *Cryptocentrus geniornatus* Herre, 1935 (Waigeo); [WAM].
Cryptocentrus leucostictus (Günther, 1872)*: RA.
Cryptocentrus octofasciatus Regan, 1908*: RA.
Cryptocentrus sp. 1 (Kuiter and Tonozuka, 2001: 630)*: CB, FK, RA.
Cryptocentrus sp. 2 (Kuiter and Tonozuka, 2001: 632)*: CB, RA.
Cryptocentrus strigilliceps (Jordan and Seale, 1906)*: CB, FK, RA.
Ctenogobiops aurocingulus (Herre, 1935)*: FK, RA.
Ctenogobiops crocineus Smith, 1959*: RA.
Ctenogobiops feroculus Lubbock and Polunin, 1977*: CB, FK, RA; [WAM].
Ctenogobiops pomastictus Lubbock and Polunin, 1977*: CB, RA; [WAM].
Ctenogobiops tangaroai Lubbock and Polunin, 1977*: FK, RA.
Discordipinna griessingeri Hoese and Fourmanoir, 1978*: FK, RA.
Drombus waigiensis (Herre, 1935): RA; Herre, 1935: 424 (Majalibit Inlet); [USNM].
Echinogobius hayashii Iwata, Hosoya and Niimura, 1998*: RA; [WAM].
Eviota albolineata Jewett and Lachner, 1983*: CB, FK, RA.
Eviota bifasciata Lachner and Karnella, 1980*: CB, FK, RA.
Eviota guttata Lachner and Karanella, 1978*: CB, FK, RA.
Eviota herrei Jordan and Seale, 1906*: RA; [WAM].
Eviota lachdeberei Giltay, 1933*: CB, FK, RA.
Eviota melasma Lachner and Karanella, 1980*: RA; [WAM].
Eviota nebulosa Smith, 1958*: FK.
Eviota nigriventris Giltay, 1933*: CB, RA; [UNIPA].
Eviota pellucida Larson, 1976*: CB, FK, RA; [WAM].
Eviota prasina (Klunzinger, 1871)*: CB, RA; [WAM].
Eviota prasites Jordan and Seale, 1906*: CB, FK, RA.
Eviota punctulata Jewett and Lachner, 1983*: CB, RA; [WAM].
Eviota queenslandica Whitley, 1932*: CB, RA; [WAM].
Eviota raja Allen, 2001: RA; Allen, 2001b: 126 (Gam Island, Raja Ampat Islands); [NCIP, WAM].
Eviota sebreei Jordan and Seale, 1906*: FK, RA.
Eviota sigillata Jewett and Lachner, 1983*: CB.
Eviota sparsa Jewett and Lachner, 1983*: CB, FK, RA; [WAM].
Eviota sp. 1 (sp. 3 of Kuiter and Tonozuka, 2001: 699)*: RA; [WAM].
Eviota sp. 2 (sp. 8 of Senou et al, 2004: 148)*: CB; [WAM].
Eviota storthynx (Rofen, 1959)*: RA.
Eviota zebrina Lachner and Karanella, 1978*: FK, RA; [WAM].
Eviota zonura Jordan and Seale, 1906: FK, RA; Weber, 1913: 452, as *Eviota gymnocephalus* Weber, 1913 (Waigeo).
Exyrias akihito Allen and Randall, 2005*: FK, RA; [UNIPA, WAM].
Exyrias belissimus (Smith, 1959)*: CB, FK, RA; [USNM, WAM].
Exyrias ferrarisi Murdy, 1985*: RA.
Exyrias puntang (Bleeker, 1851): RA; de Beaufort, 1913: 139 (Majalibit Bay); [USNM].
Favonigobius gymnauchen (Bleeker, 1860)*: RA.
Favonigobius reichei (Bleeker, 1853)*: RA; [USNM, WAM].
Fusigobius aureus Chen and Shao, 1997*: FK.
Fusigobius duospilus Hoese and Reader, 1985*: RA; [WAM].
Fusigobius inframaculatus (Randall, 1994)*: CB, FK, RA; [WAM].
Fusigobius maximus (Randall, 2001)*: FK, RA; [WAM].
Fusigobius melacron (Randall, 2001)*: FK, RA.
Fusigobius neophytus (Günther, 1877)*: FK, RA; [USNM, WAM].
Fusigobius signipinnis Hoese and Obika, 1988*: CB, FK, RA; [UNIPA].
Gladiogobius ensifer Herre, 1933: CB, FK, RA; Koumans, 1953: 32 (Majalibit Inlet); [WAM].

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Gnatholepis anjerensis (Bleeker, 1851): CB, RA; de Beaufort, 1913: 138, as *Gobius (Gnatholepis) knighti* Jordan and Evermann, 1903 (Saonek); [WAM].
Gnatholepis cauerensis (Bleeker, 1853)*: CB, FK, RA; [USNM, WAM].
Gobiodon albofasciatus Sawada and Arai, 1972*: CB, RA; [USNM, WAM].
Gobiodon ceramensis (Bleeker, 1852)*: CB; [WAM].
Gobiodon citrinus (Rüppell, 1838)*: CB, FK, RA.
Gobiodon histrio (Valenciennes, 1837): RA; Giltay, 1933: 100, as *Gobiodon erythrospilus* Bleeker, 1875 (Sorong).
Gobiodon okinawae Sawada, Arai and Abe, 1972*: FK, RA.
Gobiodon quinquestrigatus (Valenciennes, 1837)*: CB; [UNIPA].
Gobiodon unicolor (Castelnau, 1873)*: FK, RA.
Gobiopsis angustifrons Lachner and McKinney, 1978*: RA; [WAM].
Gobiopsis bravoi (Herre, 1940)*: RA; [WAM].
Gobiopsis malekulae (Herre, 1935): RA; Koumans, 1953: 249 (Kafal, near Misool).
Grallenia arenicola Shibukawa and Iwata, 2007*: RA.
Heteroplopomus barbatus (Tomiyama, 1934)*: FK.
Istigobius decoratus (Herre, 1927): FK, RA; Koumans, 1940: 150 (Waigeo; [WAM].
Istigobius nigroocellatus (Günther, 1873)*: RA; [WAM].
Istigobius ornatus (Rüppell, 1830): RA; Bleeker, 1868: 300 (Waigeo); USNM].
Istigobius rigilius (Herre, 1953)*: CB, FK, RA.
Koumansetta rainfordi Whitley, 1940*: CB, FK, RA; [USNM].
Lotilia graciliosa Klausewitz, 1960*: FK.
Luposicya lupus Smith, 1959*: RA; [USNM].
Macrodontogobius wilburi Herre, 1936*: CB, FK, RA; [USNM, WAM].
Mahidolia mystacina (Valenciennes, 1837)*: CB, FK, RA; [USNM].
Myersina nigrivirgata Akihito and Meguro, 1983*: RA.
Myersina sp. (*Myersina* sp. 1 of Kuiter and Tonozuka, 2001: 645)*: FK.
Oplopomops diacanthus (Schultz, 1943)*: FK, RA; [WAM].
Oplopomus oplopomus (Valenciennes, 1837)*: CB, FK, RA.
Oxyurichthys cornutus McCulloch and Waite, 1918*: RA; [USNM].
Oxyurichthys notonema (Weber, 1909)*: FK.
Oxyurichthys ophthalmonema (Bleeker, 1856-57): RA; Collette, 1983: 99 (Misool and Bomberai Peninsula; [USNM].
Oxyurichthys papuensis (Valenciennes, 1837)*: RA; [WAM].
Oxyurichthys visayanus Herre, 1927*: RA.
Palutrus scapulopunctatus (de Beaufort, 1912): RA; de Beaufort, 1912: 137 (Saonek).
Paragobiodon echinocephalus (Rüppell, 1830)*: CB, FK; [WAM].
Paragobiodon lacunicolus (Kendall and Goldsborough, 1911)*: CB; [WAM].
Paragobiodon melanosomus (Bleeker, 1852)*: CB; [WAM].
Paragobiodon xanthosoma (Bleeker, 1852)*: CB; [WAM].
Periophthalmus argentilineatus Valenciennes, 1837: RA; Cuvier and Valenciennes, 1837: 191 (Waigeo); [USNM, WAM].
Periophthalmus kalolo Lesson, 1831: RA; Lesson, 1831: 146 (Waigeo); [USNM].
Phyllogobius platycephalops (Smith, 1964)*: CB, FK, RA; [WAM].
Pleurosicya coerulea Larson, 1990*: CB, FK.
Pleurosicya elongata Larson, 1990*: CB, RA.
Pleurosicya labiata (Weber, 1913)*: FK, RA.
Pleurosicya micheli Fourmanoir, 1971*: RA; [WAM].
Pleurosicya mossambica Smith, 1959*: FK, RA; [WAM].
Priolepis cincta (Regan, 1908)*: FK; [WAM].
Priolepis compita Winterbottom, 1985*: RA.
Priolepis fallacincta Winterbottom and Burridge, 1992*: RA; [WAM].
Priolepis nuchifasciata (Günther, 1873)*: FK, RA; [WAM].
Priolepis pallidicincta Winterbottom and Burridge, 1993*: RA; [WAM].
Priolepis semidoliata (Valenciennes, 1837): RA; de Beaufort, 1913: 139 (Saonek); [USNM].
Priolepis vexilla Winterbottom and Burridge, 1993*: RA; [WAM].
Redigobius balteatus (Herre, 1935): RA; Herre, 1935: 419 (Majalibit Inlet); [USNM].
Redigobius bikolanus (Herre, 1927): RA; Herre, 1935: 420, as *Vaimosa osgoodi* Herre, 1935 (Waigeo).
Redigobius isognathus (Bleeker, 1878)*: RA.

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Signigobius biocellatus Hoese and Allen, 1977*: CB, FK. RA; [UNIPA, WAM].
Stonogobiops xanthorhinica Hoese and Randall, 1982*: CB, FK, RA.
Sueviota atrinasa Winterbottom and Hoese, 1988*: CB, FK, RA; [WAM].
Tomiyamichthys oni (Tomiyama, 1936)*: FK, RA.
Tomiyamichthys sp. (Kuiter and Tonozuka, 2001: 653)*: FK, RA.
Trimma agrena Winterbottom and Chen, 2004*: RA; [WAM].
Trimma anaima Winterbottom, 2000*: CB, FK, RA.
Trimma benjamini Winterbottom, 1996*: CB, FK, RA.
Trimma cana Winterbottom, 2004*: CB.
Trimma emeryi Winterbottom, 1984*: RA; [WAM].
Trimma fangi Winterbottom and Chen, 2004*: CB, FK, RA; [WAM].
Trimma flavatrum Hagiwara and Winterbottom, 2007*: CB; RA; [WAM].
Trimma griffithsi Winterbottom, 1984*: CB, FK, RA; [UNIPA].
Trimma halonevum Winterbottom, 2000*: FK, RA; [WAM].
Trimma hoesei Winterbottom, 1984*: RA; [WAM].
Trimma lantana Winterbottom and Villa, 2003*: CB, FK, RA; [WAM].
Trimma macrophthalmum (Tomiyama, 1936)*: FK, RA; [WAM].
Trimma nomurai Suzuki and Senou, 2007*: RA; [WAM].
Trimma okinawae (Aoyagi, 1949)*: FK, RA; [WAM].
Trimma rubromaculatum Allen and Munday, 1995*: CB, FK, RA; [UNIPA].
Trimma sp. 1 (R. Winterbottom sp. 63)*: FK, RA; [WAM].
Trimma sp. 2 (overall yellow)*: CB; [WAM].
Trimma sp. 3 (overall yellow with red gular spot)*: CB, RA; [WAM].
Trimma sp. 4 (*cf. sheppardi* from Kofiau Island, 72m depth)*: RA; [WAM].
Trimma sp. 5 (R. Winterbottom sp. 32)*: CB; [WAM].
Trimma sp. 6 (R. Winterbottom sp. 91)*: FK; [WAM].
Trimma sp. 7 (pink snout and cheek and 15 yellow bars on side)*: FK; [WAM].
Trimma stobbsi Winterbottom, 2001*: FK, RA; [WAM].
Trimma striatum (Herre, 1945)*: CB, FK, RA; [USNM, WAM].
Trimma taylori Lobel, 1979*: FK, RA; [WAM].
Trimma tevegae Cohen and Davis, 1969*: CB, FK, RA; [WAM].
Trimma yanoi Suzuki and Senou, 2008*: CB, RA; [WAM].
Tryssogobius colini Larson and Hoese, 2001*: CB, RA.
Tryssogobius flavolineatus Randall, 2006*: CB, FK, RA; [WAM].
Valenciennea bella Hoese and Larson, 1994*: RA.
Valenciennea helsdingenii (Bleeker, 1858*):* FK, RA: Günther, 1873: 411 (Misool).
Valenciennea longipinnis (Lay and Bennett, 1839)*: CB, FK, RA..
Valenciennea muralis (Valenciennes, 1837)*: RA; Hoese and Larson, 1994: 37 (Waigeo); [USNM, WAM].
Valenciennea parva Hoese and Larson, 1994*: FK, RA; [WAM].
Valenciennea puellaris (Tomiyama, 1956)*: CB, FK, RA.
Valenciennea randalli Hoese and Larson, 1994*: CB, FK, RA.
Valenciennea sexguttata (Valenciennes, 1837)*: CB, FK, RA.
Valenciennea sp. (*cf. limicola*)*: FK.
Valenciennea strigata (Broussonet, 1782): CB, FK, RA; Koumans, 1953: 334 (Misool); [USNM].
Valenciennea wardii (Playfair, 1867)*: FK.
Vanderhorstia ambanoro (Fourmanoir, 1957) *: FK, RA; [WAM].
Vanderhorstia dorsomacula Randall, 2007*: CB; [WAM].
Vanderhorstia lanceolata Yanagisawa, 1978*: CB, RA; [WAM].
Vanderhorstia steelei Randall and Munday, 2008*: FK; [WAM].
Yongeichthys criniger (Valenciennes, 1837): CB, RA; Cuvier and Valenciennes, 1837: 82 (Port Dorey); [UNIPA].

Microdesmidae
Gunnellichthys curiosus Dawson, 1968*: FK, RA; [WAM].
Gunnellichthys monostigma Smith, 1958*: CB, FK, RA; [WAM].

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Gunnellichthys pleurotaenia Bleeker, 1858*: RA; [WAM].
Gunnellichthys viridescens Dawson, 1968*: FK; [WAM].

Pthereleotridae
Aioliops novaeguineae Rennis and Hoese, 1987*: CB, FK, RA; Rennis and Hoese, 1987: 78 (Batanta); [USNM].
Nemateleotris decora Randall and Allen, 1973*: CB, FK, RA.
Nemateleotris magnifica Fowler, 1938*: CB, FK, RA.
Oxymetopon compressus Chan, 1966*: CB, FK, RA; [WAM].
Oxymetopon cyanoctenosum Klausewitz and Condé, 1981*: FK.
Parioglossus formosus (Smith, 1931)*: FK, RA; [WAM].
Parioglossus interruptus Suzuki and Senou 1994: FK; Rennis and Hoese, 1985: 184, as *Parioglossus* sp. (Samei Island, Fakfak Peninsula);
Parioglossus philippinus (Herre, 1945)*: FK, RA; [WAM].
Parioglossus rainfordi McCulloch, 1921: CB; Rennis and Hoese, 1985: 184 (Batanta and Misool); [USNM].
Parioglossus raoi (Herre, 1939): CB; Rennis and Hoese, 1985: 186 (Batanta and Misool); [USNM, WAM].
Ptereleotris evides (Jordan and Hubbs, 1925)*: CB, FK, RA; [WAM].
Ptereleotris grammica Randall and Lubbock, 1982*: CB, FK, RA; [WAM].
Ptereleotris hanae (Jordan and Snyder, 1901)*: FK, RA; [WAM].
Ptereleotris heteroptera (Bleeker, 1855)*: CB, FK, RA.
Ptereleotris microlepis (Bleeker, 1856): CB, FK, RA; Randall and Hoese, 1985: 24 (Waigeo); [WAM].
Ptereleotris sp. 1 (Kuiter and Tonozuka, 2001: 719)*: CB, FK, RA.
Ptereleotris zebra (Fowler, 1938)*: FK, RA; [WAM].

Xenisthmidae
Xenisthmus eirospilus Gill and Hoese, 2004*: CB; [WAM].
Xenisthmus polyzonatus (Klunzinger, 1871)*: FK, RA; [WAM].
Xenisthmus semicinctus Gill and Hoese, 2004*: RA; [WAM].

Ephippidae
Platax batavianus Cuvier, 1831*: CB, FK, RA.
Platax boersii Bleeker, 1852*: CB, FK, RA.
Platax orbicularis (Forsskål, 1775): CB, FK, RA; Bleeker, 1868: 299, as *Platax vespertilio* (Bloch, 1787) (Waigeo).
Platax pinnatus (Linnaeus, 1758)*: CB, FK, RA.
Platax teira (Forsskål, 1775): CB, FK, RA; Bleeker, 1859: 3 (Doreh).

Scatophagidae
Scatophagus argus (Linnaeus, 1766): FK, RA; Giltay, 1933: 69 (Lobo, Triton Bay).

Siganidae
Siganus argenteus (Quoy and Gaimard, 1825)*: CB, FK, RA.
Siganus canaliculatus (Park, 1797)*: CB, RA.
Siganus corallinus (Valenciennes, 1835)*: CB, FK, RA.
Siganus doliatus Guérin-Méneville, 1829-38: FK; Bleeker, 1859: 3 (Doreh).
Siganus guttatus (Bloch, 1787)*: RA.
Siganus javus (Linnaeus, 1766): FK, RA; de Beaufort, 1913: 126 (Majalibit Bay).
Siganus lineatus (Valenciennes, 1835)*: CB, FK, RA.
Siganus puellus (Schlegel, 1852)*: CB, FK, RA.
Siganus punctatissimus Fowler and Bean, 1929*: CB, FK, RA.
Siganus punctatus (Forster, 1801)*: CB, FK, RA.
Siganus spinus (Linnaeus, 1758): CB, FK, RA; de Beaufort, 1913: 126, as *Amphacanthus striolata* (Günther, 1861) (Saonek); [WAM].
Siganus vermiculatus (Valenciennes, 1835): CB, FK, RA: Bleeker, 1868: 300 (Waigeo).
Siganus virgatus (Valenciennes, 1835)*: CB, FK, RA.
Siganus vulpinus (Schlegel and Müller, 1845): CB, FK, RA; Bleeker, 1859: 4 (Doreh); [UNIPA].

Zanclidae
Zanclus cornutus (Linnaeus, 1758): CB, FK, RA: Bleeker, 1859: 4 (Doreh);
[UNIPA].

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Acanthuridae

Acanthurus bariene Lesson, 1831: CB, FK, RA; Cuvier and Valenciennes, 1835: 223, as *Acanthurus nummifer* Valenciennes, 1835 (Waigeo).
Acanthurus blochii Valenciennes, 1835*: CB, FK, RA.
Acanthurus fowleri de Beaufort, 1951*: CB, FK. RA.
Acanthurus leucocheilus Herre, 1927*: CB, FK, RA.
Acanthurus lineatus (Linnaeus, 1758): CB, FK, RA; Cuvier and Valenciennes, 1835: 223 (Waigeo).
Acanthurus maculiceps (Ahl, 1923)*: CB, FK, RA.
Acanthurus mata (Cuvier, 1829)*: CB, FK, RA.
Acanthurus nigricans (Linnaeus, 1758): CB, FK, RA; de Beaufort and Chapman, 1951: 138, as *Acanthurus glaucopareius* Cuvier, 1829 (Misool).
Acanthurus nigricauda Duncker and Mohr, 1929*: CB, FK, RA.
Acanthurus nigrofuscus (Forsskål, 1775)*: CB, FK, RA.
Acanthurus nubilus (Fowler and Bean, 1929)*: CB, RA.
Acanthurus olivaceus Bloch and Schneider, 1801*: CB, FK, RA.
Acanthurus pyroferus Kittlitz, 1834: CB, FK, RA; Cuvier and Valenciennes, 1835: 220, as *Acanthurus doreensis*Valenciennes, 1835 (Doreh); [UNIPA].
Acanthurus thompsoni (Fowler, 1923)*: CB, FK, RA; [UNIPA].
Acanthurus triostegus (Linnaeus, 1758): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Acanthurus xanthopterus Valenciennes, 1835*: CB, FK, RA.
Ctenochaetus binotatus Randall, 1955*: CB, FK, RA.
Ctenochaetus cyanocheilus Randall and Clements, 2001*: CB, FK, RA; [UNIPA].
Ctenochaetus striatus (Quoy and Gaimard, 1825)*: CB, FK, RA; [UNIPA].
Ctenochaetus tominiensis Randall, 1955*: CB, FK, RA.
Naso annulatus (Quoy and Gaimard, 1825)*: FK, RA.
Naso brachycentron (Valenciennes, 1835): CB, FK, RA; Cuvier and Valenciennes, 1835: 275 (Waigeo); [UNIPA].
Naso brevirostris (Cuvier, 1829)*: CB. FK, RA.
Naso caeruleacauda Randall, 1994*: CB, FK, RA.
Naso hexacanthus (Bleeker, 1855)*: CB, FK, RA.
Naso lituratus (Forster, 1801): CB, FK, RA; Bleeker, 1859: 4 (Doreh).
Naso lopezi Herre, 1927*: CB, FK, RA; [UNIPA].
Naso mcdadei Johnson, 2002*: FK, RA.
Naso minor (Smith, 1966)*: CB, FK, RA.
Naso thynnoides (Cuvier, 1829): CB, RA; Cuvier and Valenciennes, 1835: 299 (Doreh).
Naso tonganus (Valenciennes, 1835): RA; de Beaufort and Chapman, 1951: 180, as *Naso tuberosus* (non Lacepède, 1801) (Misool).
Naso unicornis (Forsskål, 1775): CB, FK, RA; Cuvier and Valenciennes, 1835: 259, as *Naseus fronticornis* (Lacepède, 1801) (Waigeo).
Naso vlamingii (Valenciennes, 1835)*: CB, FK, RA.
Paracanthurus hepatus (Linnaeus, 1766): FK, RA; de Beaufort and Chapman, 1951: 131 (Misool).
Zebrasoma scopas (Cuvier, 1829): CB, FK, RA; Cuvier and Valenciennes, 1835: 245 (Doreh); [UNIPA].
Zebrasoma veliferum (Bloch, 1795): CB, FK, RA; Günther, 1875: 117, as *Acanthurus hypselopterus* Bleeker, 1854 (Misool); [USNM].

Sphyraenidae

Sphyraena barracuda (Edwards, 1771): CB, FK, RA; Weber and de Beaufort, 1922: 224, as *Sphyraena picuda* Bloch and Schneider, 1801 (Waigeo; [USNM].
Sphyraena jello Cuvier, 1829*: CB, FK, RA.
Sphyraena obtusata Cuvier, 1829: FK, RA; Bleeker, 1868: 300 (Waigeo).
Sphyraena putnamae Jordan and Seale, 1905*: FK.
Sphyraena qenie Klunzinger, 1870*: CB, FK, RA.

Scombridae

Euthynnus affinis (Cantor, 1849): FK, RA; de Beaufort and Chapman, 1951: 218 (north of Misool).
Grammatorcynus bilineatus (Rüppell, 1836)*: CB, FK, RA.
Gymnosarda unicolor (Rüppell, 1836)*: CB, RA.

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Rastrelliger kanagurta (Cuvier, 1816): CB, FK, RA; Lesson, 1830: 166, as *Scomber loo* Lesson, 1829 (Waigeo).
Scomberomorus commerson (Lacepède, 1800)*: CB, FK, RA.
Scomberomorus semifasciatus (Macleay, 1883)*: FK.

Nomeidae
Psenes cyanophrys Valenciennes, 1833*: RA.

Bothidae
Bothus mancus (Broussonet, 1782)*: RA.
Bothus pantherinus (Rüppell, 1830): CB, FK, RA; Bleeker, 1868: 296 (Waigeo).

Soleidae
Aseraggoedes sp.*: CB; [WAM]
Pardachirus pavoninus (Lacepède, 1802): RA; Fowler, 1939: 81 (Sorong).
Soleichthys heterorhinos (Bleeker, 1856): RA; Bleeker, 1868: 298 (Waigeo).

Samaridae
Samariscus triocellatus Woods, 1960*: CB; [UNIPA].

Balistidae
Abalistes stellatus (Annonymus, 1798)*: CB, FK, RA.
Balistapus undulatus (Park, 1797): CB, FK, RA; Bleeker, 1859: 3, 5, as *Balistes lineatus* Bloch and Schneider, 1801 (Doreh); [UNIPA].
Balistoides conspicillum (Bloch and Schneider, 1801)*: CB, FK, RA; [UNIPA].
Balistoides viridescens (Bloch and Schneider, 1801)*: CB, FK, RA.
Canthidermis maculata (Bloch, 1786)*: CB, RA.
Melichthys niger (Bloch, 1786): CB, FK; Bleeker, 1859: 3, 5 (Doreh).
Melichthys vidua (Richardson, 1845): CB, FK, RA; Bleeker, 1859: 5 (Doreh).
Odonus niger (Rüppell, 1836): CB, FK, RA: Fowler, 1939: 89, as *Zenodon erythrodon* Günther, 1870 (Salawati); [UNIPA].
Pseudobalistes flavimarginatus (Rüppell, 1829): CB, FK, RA; Bleeker, 1868: 298 (Waigeo).
Pseudobalistes fuscus (Bloch and Schneider, 1801)*: FK, RA.
Rhinecanthus aculeatus (Linnaeus, 1758)*: CB, RA.
Rhinecanthus rectangulus (Bloch and Schneider, 1801)*: RA.
Rhinecanthus verrucosus (Linnaeus, 1758): CB, FK, RA; Quoy and Gaimaard, 1824: 205, as *Balistes praslinensis* Quoy and Gaimard, 1824 (Waigeo).
Sufflamen bursa (Bloch and Schneider, 1801): CB, FK, RA; Bleeker, 1859: 5 (Doreh); [UNIPA].
Sufflamen chrysopterum (Bloch and Schneider, 1801)*: CB, FK, RA.
Sufflamen fraenatum (Latreille, 1804): CB, FK, RA; Bleeker, 1859: 3 (Doreh).
Xanthichthys auromarginatus (Bennett, 1832)*: CB, RA; [UNIPA].

Monacanthidae
Acreichthys radiatus (Popta, 1900)*: RA.
Acreichthys tomentosus (Linnaeus, 1758): FK, RA; Bleeker, 1868: 298 (Waigeo); [WAM].
Aluterus scriptus (Osbeck, 1765): CB, FK, RA; Procé, 1822: 131, as *Balistes ornatus* Procé, 1822 (Waigeo); [UNIPA].
Amanses scopas (Cuvier, 1829)*: CB, FK, RA.
Brachaluteres ulvarum Jordan and Fowler, 1902*: RA.
Cantherhines dumerilii (Hollard, 1854)*: CB, RA.
Cantherhines fronticinctus (Günther, 1866)*: RA.
*Cantherhines pardalis (*Rüppell, 1866)*: CB, FK, RA.
Monacanthus chinensis (Osbeck, 1765): RA; de Beaufort, 1913: 151 (Sorong).
Oxymonacanthus longirostris (Bloch and Schneider, 1801)*: CB, RA.
Paraluteres prionurus (Bleeker, 1851)*: CB, FK, RA.
Paramonacanthus choirocephalus (Bleeker, 1852)*: FK.
Paramonacanthus japonicus (Tilesius, 1809)*: FK, RA.
Pervagor janthinosoma (Bleeker, 1854)*: RA.
Pervagor melanocephalus (Bleeker, 1853)*: CB, RA; [UNIPA].
Pervagor nigrolineatus (Herre, 1927)*: CB, FK, RA; [UNIPA].
Pseudomonacanthus macrurus (Bleeker, 1857): FK, RA; Fowler, 1939: 85 (Sorong); [WAM].
Rudarius minutus Tyler, 1970*: FK, RA.

Ostraciidae
Lactoria cornuta (Linnaeus, 1758)*: CB.

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Ostracion cubicus Linnaeus, 1758: CB, FK, RA; Bleeker, 1859: 5 (Doreh).
Ostracion meleagris Shaw, 1796: CB, FK, RA; Bleeker, 1859: 3, as *Ostracion sebae* Bleeker, 1851 (Doreh); [UNIPA].
Ostracion solorensis Bleeker, 1853*: CB, FK, RA.
Tetrosomus republicae (Ogilby, 1913)*: FK.

Tetraodontidae
Arothron caeruleopunctatus Matsuura, 1994*: FK, RA.
Arothron hispidus (Linnaeus, 1758): CB, FK, RA; Bleeker, 1859: 3, as *Arothron laterna* (Richardson, 1845) (Doreh).
Arothron immaculatus (Bloch and Schneider, 1801): RA; de Beaufort, 1913: 152 (Sorong, Majalibit Bay).
Arothron manilensis (Marion de Procé, 1822)*: FK, RA; [USNM].
Arothron mappa (Lesson, 1831): CB, FK, RA; Lesson, 1830: 102 (Port Dorey).
Arothron nigropunctatus (Bloch and Schneider, 1801): CB, FK, RA; Bleeker, 1868: 281 (Doreh); [UNIPA].
Arothron stellatus (Bloch and Schneider, 1801)*: CB, RA.
Canthigaster amboinensis (Bleeker, 1864)*: CB, RA.
Canthigaster bennetti (Bleeker, 1854)*: RA.
Canthigaster compressa (Marion de Procé, 1822)*: CB, FK, RA.
Canthigaster coronata (Vaillant and Sauvage, 1875)*: RA.
Canthigaster epilampra (Jenkins, 1903)*: CB; [WAM].
Canthigaster janthinoptera (Bleeker, 1855)*: FK, RA; [WAM].
Canthigaster leoparda Lubbock and Allen, 1979*: RA.
Canthigaster ocellicincta Allen and Randall, 1977*: CB.
Canthigaster papua (Bleeker, 1848)*: CB, FK, RA; [UNIPA].
Canthigaster valentini (Bleeker, 1853)*: CB, FK, RA.
Chelonodon patoca (Hamilton, 1822): RA; Bleeker, 1868: 298 (Waigeo).

Diodontidae
Diodon holocanthus Linnaeus, 1758: CB; Bleeker, 1859: 3, as *Diodon novemmaculatus* Cuvier, 1818 (Doreh).
Diodon hystrix Linnaeus, 1758*: CB, FK, RA.
Diodon liturosus Shaw, 1804*: FK, RA.

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